



ERS

EUROPEAN RESPIRATORY SOCIETY

INTERNATIONAL CONGRESS 2016

LONDON united kingdom, 3–7 september

HELP SHAPE THE FUTURE OF RESPIRATORY SCIENCE AND MEDICINE

# PREPARE YOUR CONGRESS

## Advance Programme



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# PROGRAMME AT A GLANCE

## REGISTRATION FEES

	Early bird (until 12 July 2016)	Standard (13 July to 2 September 2016)	Onsite (from 3 September 2016)
Postgraduate courses	€ 95	€ 125	€ 140
Full day postgraduate course	€ 155	€ 200	€ 220
Challenging clinical cases	€ 70	€ 90	€ 100
Meet the expert	€ 70	€ 90	€ 100
Educational skills workshops	€ 70	€ 90	€ 100
Professional development workshops	€ 25	€ 35	€ 40

## SATURDAY 03 SEPTEMBER 2016

START	END	TYPE	SESSION	TAG	IMPORTANT INFORMATION
08:00	10:20	Skills workshop	<b>SW1 Inhaler techniques</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:40	13:00	Skills workshop	<b>SW2 Inhaler techniques</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:30	16:50	Skills workshop	<b>SW3 Inhaler techniques</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
09:30	17:30	Postgraduate Course	<b>PG1 Asthma and chronic obstructive pulmonary disease</b> An update in assessment and treatment	Clinical Translational	Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.
09:30	17:30	Postgraduate Course	<b>PG2 Advanced thoracic ultrasound</b> Enhance your sonography practice beyond identification of pleural fluid	Clinical	Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG3 Advanced respiratory and cardiovascular exercise testing</b> In health and respiratory disease	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG4 How to improve the success of noninvasive ventilation</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG5 How to reach peripheral solitary nodules</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG6 Lung fibrosis and sarcoidosis</b> Different diagnostic approaches and treatment modalities	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG7 New guidelines for the classification and staging of lung cancer</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG8 Paediatric asthma</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG9 Recurrent respiratory infections in both children and adults</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	13:00	Postgraduate Course	<b>PG10 Tuberculosis management: a personalised clinical approach</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG11 Assessing respiratory system resistance in children and adults</b> A focus on young children and older adults	Basic Science	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG12 Breathlessness over the life course</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG13 Inhaled antibiotics in respiratory infections</b>	Translational	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG14 Interventional pulmonology</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

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14:00	17:30	Postgraduate Course	<b>PG15 Muscle weakness and wasting in chronic obstructive pulmonary disease</b> Assessment and treatment	Translational	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG16 Infection control in epidemics: strengthening the evidence base for healthcare workers and the public</b> Joint PREPARE/ECDC course	Clinical	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG17 Pulmonary haemodynamics during exercise</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG18 Sleep apnoea and comorbidities</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG19 The lung in the septic critically-ill patient</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
14:00	17:30	Postgraduate Course	<b>PG20 Thymic tumours</b>	Clinical	Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.
09:30	17:30	Professional development workshop	<b>PD1 Spirometry: Train the trainer</b> ERS spirometry training programme	Clinical	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
12:00	17:30	HERMES examination	<b>HERMES Examination</b>		Register online: <a href="http://www.ersnet.org/HERMES">www.ersnet.org/HERMES</a>
09:00	10:40	Session	<b>China Session I</b> New perspectives in respiratory medicine		The presentations will be in English or Chinese but slides will be projected in both languages.
10:40	12:45	Session	<b>China Session II</b> New perspectives in respiratory medicine		The presentations will be in English or Chinese but slides will be projected in both languages.
13:00	15:00	Session	<b>ERS/French Programme I</b> Innovative treatments and new concepts in respiratory medicine: the future looks bright indeed!		The presentations will be in English or French but slides will be projected in both languages.
15:30	17:30	Session	<b>ERS/French Programme II</b> Guidelines, new diagnostic & therapeutic tools to help pulmonologists: all the reasons why we cannot ignore them anymore		The presentations will be in English or French but slides will be projected in both languages.
13:15	17:30	Session	<b>Russia Session</b> Idiopathic pulmonary fibrosis		The presentations will be in English or Russian but slides will be projected in both languages.
09:00	10:30	Session	<b>Primary Care Day: challenging times I</b> Clinical challenges in day-to-day primary care		
11:00	12:20	Session	<b>Primary Care Day: challenging times II</b> Taking up the challenge		
13:30	14:30	Session	<b>Primary Care Day: challenging times III</b> Meeting tomorrow's challenge		
15:00	16:30	Session	<b>Primary Care Day: challenging times IV</b> Grand Round		

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## SUNDAY 04 SEPTEMBER 2016

START	END	TYPE	SESSION	TAG	IMPORTANT INFORMATION
07:00	08:15	Challenging clinical cases	<b>CC1 Breathless cases</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
07:00	08:15	Challenging clinical cases	<b>CC2 Children's interstitial lung disease</b> Working through clinical conundrums with the ChILD-EU team	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:20	Skills workshop	<b>SW4 Difficult airway management in an intensive care unit</b> Difficult intubation	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:20	Skills workshop	<b>SW5 Thoracic ultrasound</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:30	10:30	Year in review	<b>Scientific Year in Review 2016</b>	Basic Science	
08:30	10:30	Symposium	<b>Immunotherapy: the lethal weapon against thoracic malignancies?</b>	Clinical	
08:30	10:30	Symposium	<b>COPD case-finding: how can we find the missing millions?</b>	Clinical	
08:30	10:30	Symposium	<b>Lung involvement in systemic disorders</b> an update to this neglected field	Clinical	
08:30	10:30	Symposium	<b>Nerves in airway disease: genotype, phenotype and endotype</b>	Translational	
10:40	13:00	Skills workshop	<b>SW6 Difficult airway management in an intensive care unit</b> Difficult intubation	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:40	13:00	Skills workshop	<b>SW7 Thoracic ultrasound</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:30	10:30	Session	<b>ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session I</b>		The presentations will be in English or Spanish or Portuguese but slides will be projected in English at all times.
10:45	12:45	Session	<b>ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session II</b>		The presentations will be in English or Spanish or Portuguese but slides will be projected in English at all times.
10:45	12:45	Grand round	<b>Paediatric Ground Round</b> an interactive session	Clinical	
10:45	12:45	Symposium	<b>New statement on pulmonary rehabilitation</b>	Clinical	
10:45	12:45	Symposium	<b>ERS and tuberculosis</b> 2016 highlights (followed by WHO/ERS Document ceremony)		
10:45	12:45	Symposium	<b>Telemonitoring of ventilator-dependent patients</b> Looking into the future	Clinical	
10:45	12:45	Session	<b>State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London I</b>		
10:45	12:45	Symposium	<b>New insights into the genetics of asthma</b>	Translational	

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13:00	14:00	Meet the expert	<b>ME1 Biomarkers for interstitial lung disease</b>	Translational	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME2 New treatment approaches for idiopathic pulmonary fibrosis</b>	Translational	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME3 Fiberoptic bronchoscopy in children</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME4 Pulmonary arteriovenous malformations</b> Including hereditary haemorrhagic telangiectasia	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:30	Championship	<b>2016 Respiratory Championship</b> Become a champion in respiratory medicine	Clinical	
13:00	14:15	Assembly members' meeting	<b>Assembly 2 Respiratory intensive care</b> Incl. Groups 2.1 Acute critical care and 2.2 Non-invasive ventilatory support		
13:00	14:15	Assembly members' meeting	<b>Assembly 4 Clinical physiology, sleep and pulmonary circulation</b> Incl. Groups 4.1 Clinical respiratory physiology, exercise and functional imaging, 4.2 Sleep and control of breathing and 4.3 Pulmonary circulation and pulmonary vascular disease		
13:00	14:15	Assembly members' meeting	<b>Assembly 8 Thoracic surgery and transplantation</b> Incl. Groups 8.1 Thoracic surgery and 8.2 Transplantation		
13:00	14:15	Assembly members' meeting	<b>Assembly 10 Respiratory Infections</b> Incl. Groups 10.1 Respiratory infections and 10.2 Tuberculosis		
13:00	14:15	Assembly members' meeting	<b>Assembly 11 Thoracic oncology</b> Incl. Groups 11.1 Lung cancer and 11.2 Pleural and mediastinal malignancies		
14:30	16:50	Skills workshop	<b>SW8 Difficult airway management in an intensive care unit</b> Difficult intubation	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:30	16:50	Skills workshop	<b>SW9 Thoracic ultrasound</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:45	16:45	Grand round	<b>Radiology</b> an interactive session	Clinical	
14:45	16:45	Hot topics	<b>Is sleep apnoea causing cancer?</b> the evidence, limitations, and clinical perspectives	Translational	
14:45	16:45	Hot topics	<b>Traffic air pollution in urban areas</b> a continued cause for concern	Translational	
14:45	16:45	Symposium	<b>Childhood asthma causation</b> Is it the air they breathe or the food they eat?	Translational	

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14:45	16:45	Symposium	<b>Implementation of collaborative lung function testing</b>	Clinical	
14:45	16:45	Symposium	<b>New tools for the early diagnosis of acute respiratory distress syndrome</b>	Clinical	
14:45	16:45	Symposium	<b>Complications and comorbidities in idiopathic pulmonary fibrosis</b>	Translational	


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## MONDAY 05 SEPTEMBER 2016

START	END	TYPE	SESSION	TAG	IMPORTANT INFORMATION
07:00	08:15	Challenging clinical cases	<b>CC3 Problematic application of mechanical ventilation</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
07:00	08:15	Challenging clinical cases	<b>CC4 Major challenges in thoracic surgical oncology</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
07:00	08:15	Challenging clinical cases	<b>CC5 Non-resolving pneumonia</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:30	Professional development workshop	<b>PD3 Preparing your content for teaching online</b> Communicating science through active learning	Translational	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
08:00	10:20	Skills workshop	<b>SW10 Interventional pulmonology</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:20	Skills workshop	<b>SW11 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:30	10:30	Session	<b>Yernault Lecture preceded by the symposium "Latest development in non-invasive ventilation: improvements and gadgets"</b>	Clinical	
08:30	10:30	Year in review	<b>Paediatric Year in Review</b> from the bench to the clinic	Clinical	
08:30	10:30	Symposium	<b>The history of respiratory public health in Britain</b> air pollution, tobacco control, and occupational lung disease		
08:30	10:30	Symposium	<b>Diseases and defences of the respiratory mucosa</b> A joint ERS/SMI symposium	Translational	
08:30	10:30	Symposium	<b>Regenerative approaches to COPD</b>	Basic Science	
08:30	10:30	Symposium	<b>An update on pleural empyema diagnostics and treatment</b>	Translational	
10:40	13:00	Skills workshop	<b>SW12 Interventional pulmonology</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:40	13:00	Skills workshop	<b>SW13 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:45	12:45	Professional development workshop	<b>PD4 How to deal with difficult people</b>		Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
10:45	12:45	Hot topics	<b>Pulmonary arterial hypertension</b> future therapeutic approaches	Translational	
10:45	12:45	Session	<b>State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London II</b>		

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10:45	12:45	Symposium	<b>Chronic graft-versus-host disease and chronic allograft dysfunction after lung transplantation: similarities and dissimilarities</b>	Clinical	
10:45	12:45	Symposium	<b>Molecular footprints in lung cancer diagnosis and management</b>	Translational	
10:45	12:45	Symposium	<b>Influenza and respiratory physicians</b> A joint ERS/ESWI symposium	Translational	
10:45	12:45	Symposium	<b>Respiratory syncytial virus: new therapies, but what impact?</b>	Clinical	
10:45	12:45	Session	<b>Working together to drive investment and innovation in asthma research</b> an ERS/The European Asthma Research & Innovation Partnership (EARIP) joint session	Clinical Translational	
13:00	14:30	Professional development workshop	<b>PD5 Establishing core facilities for measuring clinical trial outcomes</b> Experience from the European Cystic Fibrosis Society (ECFS) Clinical Trials Network (CTN)	Translational	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
13:00	14:00	Meet the expert	<b>ME5 Persisting symptoms after pulmonary embolism</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME6 Dealing with air leaks during noninvasive ventilation</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME7 Surgery for lung cancer</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME8 Acute and chronic infection in chronic obstructive pulmonary disease</b>		Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:15	Assembly members' meeting	<b>Assembly 1 Clinical</b>		
13:00	14:15	Assembly members' meeting	<b>Assembly 3 Cell and molecular biology</b>		
13:00	14:15	Assembly members' meeting	<b>Assembly 5 Airway diseases</b>		
13:00	14:15	Assembly members' meeting	<b>Assembly 6 Occupation and epidemiology</b>		
13:00	14:15	Assembly members' meeting	<b>Assembly 7 Paediatrics</b>		
13:00	14:15	Assembly members' meeting	<b>Assembly 9 Allied respiratory professionals</b>		
14:30	16:50	Skills workshop	<b>SW14 Interventional pulmonology</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

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14:30	16:50	Skills workshop	<b>SW15 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:45	16:45	Grand round	<b>Scientific Grand Round - precision medicine</b> an interactive session	Translational	
14:45	16:45	Symposium	<b>New therapies for chronic respiratory infections</b>	Translational	
14:45	16:45	Symposium	<b>Driving and sleepiness</b> ESRS/ERS joint symposium		
14:45	16:45	Hot topics	<b>Air pollution and effects on lung health</b>	Translational	
14:45	16:45	Symposium	<b>Updating on electronic nicotine delivery systems (ENDS) or e-cigarettes</b>	Clinical	
14:45	16:45	Symposium	<b>Deep phenotyping to improve treatment outcomes in paediatric asthma</b> Bringing -OMICS to the clinic	Translational	
14:45	16:45	Symposium	<b>Historical landmarks in respiratory medicine: contributions from the UK</b> Insights from the United Kingdom	Clinical	
15:00	16:30	Professional development workshop	<b>PD6 Medical and research ethics</b>		Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

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## TUESDAY 06 SEPTEMBER 2016

START	END	TYPE	SESSION	TAG	IMPORTANT INFORMATION
07:00	08:15	Challenging clinical cases	<b>CC6 New treatment approaches in non-small cell lung cancer</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
07:00	08:15	Challenging clinical cases	<b>CC7 How to deal with large airways problems</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
07:00	08:15	Challenging clinical cases	<b>CC8 Complex management issues in ataxia telangiectasia</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:30	Professional development workshop	<b>PD7 Designing and conducting research in malignant pleural effusion</b>	Basic Science	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
08:00	10:20	Skills workshop	<b>SW16 Radiological-pathological correlations for clinicians</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:00	10:20	Skills workshop	<b>SW17 Polysomnography in adults and children</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
08:30	10:30	Year in review	<b>Clinical year in review</b>	Clinical	
08:30	10:30	Symposium	<b>Cell therapy for ARDS and sepsis</b>	Translational	
08:30	10:30	Symposium	<b>Urban air pollution and human health</b>	Healthy Lungs for Life Translational	
08:30	10:30	Symposium	<b>The problem of multidrug-resistant tuberculosis</b>	Clinical	
08:30	10:30	Hot topics	<b>Obesity and respiratory diseases</b>	Clinical	
08:30	10:30	Symposium	<b>Dysfunctional mitochondria in respiratory disease</b>	Basic Science	
08:30	10:30	Hot topics	<b>What can respiratory medicine learn from cystic fibrosis research?</b> How advances in CF care and research can be translated or extended to other disease areas in respiratory medicine	Translational	
10:40	13:00	Skills workshop	<b>SW18 Radiological-pathological correlations for clinicians</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:40	13:00	Skills workshop	<b>SW19 Polysomnography in adults and children</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
10:45	12:45	Year in review	<b>Pulmonary endoscopy 2016 to freeze, heat, block or dig</b>	Clinical	
10:45	12:45	Symposium	<b>Oligometastasis: postmodern multimodality concepts</b>	Clinical	
10:45	12:45	Symposium	<b>The management of acute exacerbations of COPD</b>	Clinical	
10:45	12:45	Symposium	<b>Endotyping: the means to personalised medicine in lung disease</b>	Translational	
10:45	12:45	Symposium	<b>Microbiome in health and in disease</b>	Basic Science	
10:45	12:45	Symposium	<b>Hypoxia, the carotid body, and the brain</b>	Basic Science	
10:45	12:45	Symposium	<b>Childhood wheeze: are we making any progress?</b>	Translational	

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11:00	12:30	Professional development workshop	<b>PD8 Navigate your publishing process</b>		Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
13:00	14:30	Professional development workshop	<b>PD9 Combining the clinic and research</b>	Translational	Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
13:00	14:00	Meet the expert	<b>ME9 Detecting and correcting patient-ventilator asynchronies</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME10 Effects of exercise on airway responsiveness</b>	Translational	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME11 Asthma and sleep-disordered breathing in children and adults</b>	Translational	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Meet the expert	<b>ME12 Endoscopic lung volume reduction</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
13:00	14:00	Patient forum	<b>PF Communicating the impact and risk of air pollution to respiratory patients</b> A joint ELF/ERS session		
13:00	14:30	Educational forum	<b>Educational Forum : recertification</b>		
14:30	16:50	Skills workshop	<b>SW20 Radiological-pathological correlations for clinicians</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:30	16:50	Skills workshop	<b>SW21 Polysomnography in adults and children</b>	Clinical	Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.
14:45	16:45	Session	<b>Respiratory infectious disease control in Europe</b> ERS/ECDC joint session		
14:45	16:45	Symposium	<b>Future challenges in pulmonary arterial hypertension</b> An ERS/ESC, and Patient Organisation PAH Europe joint symposium	Clinical	
14:45	16:45	Symposium	<b>The future of tyrosin kinase inhibitors</b>	Clinical	
14:45	16:45	Symposium	<b>Transition to adult care: what we can learn from cystic fibrosis?</b>	Clinical	
14:45	16:45	Symposium	<b>Living and dying with lung disease</b> Communication and palliative care in end-stage lung disease	Clinical	
14:45	16:00	Session	<b>Becoming a successful young researcher in an era of opportunities</b> Session organised by the ERS Junior Members Committee (JMC)		
14:45	16:45	Hot topics	<b>Genetics, epigenetics and exposome</b> how to integrate different layers of biological information	Translational	
14:45	16:45	Hot topics	<b>Molecular phenotyping of severe asthma</b> the role of consortia in driving personalised medicine	Translational	

EPIDEMIOLOGY/  
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ONCOLOGY

PAEDIATRIC

PHYSIOLOGY

SLEEP

INDUSTRY

15:00	17:00	Professional development workshop	<b>PD10 Writing multiple choice questions</b> Practical guidelines for the development and assessment of multiple choice questions (MCQs)		Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.
16:00	17:15	Session	<b>ERS Fellowship Career Development session</b>		


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## WEDNESDAY 07 SEPTEMBER 2016

START	END	TYPE	SESSION	TAG	IMPORTANT INFORMATION
08:30	10:30	Session	<b>Health effects related to air pollution</b> ERS/BTS joint session	Healthy Lungs for Life	
08:30	10:30	Symposium	<b>Respiratory infections in high-income countries: old challenges and new threats</b>		
08:30	10:30	Symposium	<b>Closing the gap: novel translational research strategies</b>	Translational	
08:30	10:30	Symposium	<b>Extracellular vesicles in lung disease pathogenesis</b>	Translational	
08:30	10:30	Symposium	<b>New frontiers in lung transplantation</b>	clinical	
08:30	10:30	Hot topics	<b>Immunity in COPD</b> time for questions?	Translational	
10:45	12:45	Symposium	<b>Clinical relevance of COPD phenotyping</b>	Clinical	
10:45	12:45	Symposium	<b>Complex breathing disorders during sleep</b>	Clinical	
10:45	12:45	Symposium	<b>The stage I non-small-cell lung cancer</b> What a pulmonologist and thoracic surgeon should know	Clinical	
10:45	12:45	Symposium	<b>Occupational lung disease worldwide</b>	Healthy Lungs for Life	
10:45	12:45	Session	<b>London Respiratory Network</b> overcoming the trend to increasing specialisation to benefit patients with complex respiratory needs		

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# INDUSTRY SPONSORED SESSIONS

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## INDUSTRY SPONSORED SESSIONS &amp; WORKSHOPS

## SUNDAY 4 SEPTEMBER 2016

START	END	TYPE	SESSION TITLE	ORGANISED BY
13:15	14:30	Industry Practical Workshop	<b>iVAPS in life support and telemedicine in ventilation</b>	<i>ResMed</i>
13:15	14:30	Industry Practical Workshop	<b>Flexible and Rigid Bronchoscopy in Adults</b>	<i>Karl Storz GmbH &amp; Co.KG</i>
13:15	14:30	Industry Practical Workshop	<b>Quality assured LCI - overcoming challenges LCI for early detection and monitoring of Ventilation Inhomogeneity</b>	<i>ndd Medizintechnik AG</i>
13:15	14:30	Industry Practical Workshop	<b>FeNO: A valuable biomarker for Asthma Phenotyping</b>	<i>Aerocrine AB a Circassia company</i>
13:15	14:30	Industry Practical Workshop	<b>Sleep Disordered Breathing and Cardiovascular Disease</b>	<i>Philips</i>
17:15	19:15	Industry evening symposium	<b>Navigating the bronchial tube: connecting the routes for successful real-life outcomes in asthma care</b>	<i>Mundipharma International Ltd</i>
17:15	19:15	Industry evening symposium	<b>Early diagnosis of IPF: a patient journey</b>	<i>F. Hoffmann-La Roche</i>
17:15	19:15	Industry evening symposium		<i>Sanofi and Regeneron Pharmaceuticals</i>
17:15	19:15	Industry evening symposium	<b>Therapies and Strategies – Stay Ahead in PAH</b>	<i>Actelion Pharmaceuticals Ltd</i>
17:15	19:15	Industry evening symposium	<b>Taking control  Device matters</b>	<i>Teva Branded Pharmaceutical Products R&amp;D, Inc</i>
17:15	19:15	Industry evening symposium	<b>NTM lung infections: challenging the current treatment approach</b>	<i>Insmed</i>
17:15	19:15	Industry evening symposium		<i>GRIFOLS, S.A.</i>
17:15	19:15	Industry evening symposium	<b>The role of IgE in allergic asthma: A glance to the past, a toast to the future</b>	<i>Novartis Pharma AG</i>
17:15	19:15	Industry evening symposium	<b>Shaping the COPD landscape through early, optimal care</b>	<i>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</i>
17:15	19:15	Industry evening symposium	<b>Asthma: This time, it's personal.</b>	<i>GlaxoSmithKline</i>
17:15	19:15	Industry evening symposium	<b>Getting personal: the future for patients with COPD?</b>	<i>AstraZeneca</i>
17:30	19:00	Industry evening mini symposium	<b>«Coils for the treatment of advanced emphysema: evidence and learnings from randomized controlled programs.»</b>	<i>PneumRx Ltd, a BTG International group company</i>
17:30	19:00	Industry evening mini symposium	<b>“Offering broader protection against influenza to your patients: the example of COPD”</b>	<i>GlaxoSmithKline Vaccines</i>

## MONDAY 5 SEPTEMBER 2016

START	END	TYPE	SESSION TITLE	ORGANISED BY
13:15	14:30	Industry Practical Workshop	<b>Bronchial Thermoplasty: Established Treatment for Severe Asthma</b>	<i>Boston Scientific International</i>
13:15	14:30	Industry Practical Workshop		<i>Covidien AG</i>
13:15	14:30	Industry Practical Workshop	<b>iVAPS in life support and telemedicine in ventilation</b>	<i>ResMed</i>
13:15	14:30	Industry Practical Workshop	<b>Disease Management of the COPD Patient</b>	<i>Philips</i>
13:15	14:30	Industry Practical Workshop	<b>EBUS — State of the Art Training Interventional Pulmonology</b>	<i>FUJIFILM Europe</i>
13:15	14:30	Industry Practical Workshop	<b>Innovations towards personalized sleep therapy</b>	<i>ResMed</i>
13:15	14:30	Industry Practical Workshop		<i>PneumRx Ltd, a BTG International group company</i>
17:15	19:15	Industry evening symposium	<b>Personalised medicine in COPD: innovating to improve patient care</b>	<i>GlaxoSmithKline</i>
17:15	19:15	Industry evening symposium	<b>Exacerbation risk reduction in COPD patients: new evidence with dual bronchodilation</b>	<i>Novartis Pharma AG</i>
17:15	19:15	Industry evening symposium	<b>Managing the symptomatic asthma patient – Options for the many and the few</b>	<i>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</i>
17:15	19:15	Industry evening symposium	<b>Where do we go from here? Personalised medicine and patient-focused care in IPF</b>	<i>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</i>
17:15	19:15	Industry evening symposium	<b>Asthma Management Today, Tomorrow and in the Future</b>	<i>AstraZeneca</i>



## INDUSTRY SPONSORED SESSIONS &amp; WORKSHOPS

17:15	19:15	Industry evening symposium	<b>Pneumococcal vaccination and chronic respiratory diseases</b>	<i>Pfizer International Operations</i>
17:15	19:15	Industry evening symposium		<i>Teva Branded Pharmaceutical Products R&amp;D, Inc</i>
17:15	19:15	Industry evening symposium	<b>Allergy Immunotherapy in Asthma Management</b>	<i>ALK</i>
17:30	19:00	Industry evening mini symposium	<b>The Future is Now: Precision Treatment of Emphysema Patients</b>	<i>Pulmonx International SARL</i>
17:30	19:00	Industry evening mini symposium	<b>Contemporary management of Home NIV in COPD and OHS</b>	<i>ResMed</i>
17:30	19:00	Industry evening mini symposium	<b>Moving Towards TB Elimination: Achievements &amp; Challenges in Adopting TB ImmunodiagnosticsA Case-Based, Interactive Program</b>	<i>Oxford Immunotec</i>
17:30	19:00	Industry evening mini symposium	<b>CTEPH – Challenging Clinical Cases</b>	<i>Merck Sharp &amp; Dohme Corp.</i>
17:30	19:00	Industry evening mini symposium	<b>Challenges in the management of non-CF bronchiectasis</b>	<i>Bayer Pharma AG</i>
17:30	19:00	Industry evening mini symposium	<b>Real world clinical cases in acute PE care</b>	<i>Bayer Pharma AG</i>

## TUESDAY 6 SEPTEMBER 2016

START	END	TYPE	SESSION TITLE	ORGANISED BY
13:15	14:30	Industry Practical Workshop	<b>Innovation in Respiratory Care (POINT AWARDS)</b>	<i>ERS</i>
13:15	14:30	Industry Practical Workshop	<b>The Orkney Islands to IntraOral Scanning – the latest topics in Dental Sleep medicine</b>	<i>ResMed</i>
13:15	14:30	Industry Practical Workshop	<b>Medical Thoracoscopy</b>	<i>Karl Storz GmbH &amp; Co.KG</i>
17:15	19:15	Industry evening symposium	<b>Managing co-morbidities in patients with COPD – SUMMIT and Beyond</b>	<i>GlaxoSmithKline</i>
17:15	19:15	Industry evening symposium	<b>Modern management of airways disease</b>	<i>Chiesi Farmaceutici S.p.A.</i>
17:15	19:15	Industry evening symposium	<b>The essentials of COPD maintenance therapy</b>	<i>Boehringer Ingelheim Pharma GmbH &amp; Co. KG</i>
17:15	19:15	Industry evening symposium	<b>AstraZeneca Sponsored Symposium on Uncontrolled Asthma</b>	<i>AstraZeneca</i>
17:30	19:00	Industry evening mini symposium		<i>GlaxoSmithKline</i>
17:30	19:00	Industry evening expert forum	<b>Optimizing the Nitric Oxide pathway in PAH</b>	<i>Merck &amp; Co, Inc.</i>
17:30	19:00	Industry evening expert forum		<i>Insmad</i>
17:30	19:00	Industry evening mini symposium	<b>Metered Cryospray – An Innovative Approach for Chronic Bronchitis Patients</b>	<i>CSA Medical</i>
17:30	19:00	Industry evening mini symposium	<b>Targeted Lung Denervation in Obstructive Lung Disease: Concept to Clinic</b>	<i>Holaira</i>
17:30	19:00	Industry evening expert forum	<b>Modifying Alpha-1 Antitrypsin Deficiency Related Emphysema: From Evidence to Practice</b>	<i>CSL Behring GmbH</i>
17:30	19:00	Industry evening mini symposium		<i>Inspire Medical Systems, Bluepro and Nightbalance</i>
17:30	19:00	Industry evening mini symposium	<b>NEW CHALLENGES IN COPD MANAGEMENT</b>	<i>Zambon Spa</i>



# PROGRAMME

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW1 Inhaler techniques

**Aims :** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.

**Track(s) :** **Physiology**

**Tag(s) :** Clinical

**Target audience :** Nurse, Sleep specialist/technologist, Clinician, Fellow, Physiologist

**Chairs :** Daniel Schuermans (Brussels, Belgium)

#### Introduction

#### Workstation 1: Inhalation devices

Eric Derom (Gent, Belgium)

#### Workstation 2: How to train a patient

Job van der Palen (Enschede, Netherlands)

#### Workstation 3: Inhaler techniques

Sibylla Bos (Deventer, Netherlands), Speaker to be confirmed

#### Workstation 4: Medication

Frans H.C. de Jongh (Enschede, Netherlands)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW2 Inhaler techniques

**Aims :** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.

**Track(s) :** **Physiology**

**Tag(s) :** Clinical

**Target audience :** Fellow, Clinician, Sleep specialist/technologist, Nurse, Physiologist

**Chairs :** Sven Verschraegen (Merelbeke, Belgium), Chair to be confirmed

#### Introduction

#### Workstation 1: Inhalation devices

Daniel Schuermans (Brussels, Belgium)

#### Workstation 2: How to train a patient

Georgia Narsavage (Morgantown, United States of America)

#### Workstation 3: Inhaler techniques

Titia Klemmeier-Boekhout (Bedum, Netherlands)

#### Workstation 4: Medication

Mike Thomas (Southampton, United Kingdom)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW3 Inhaler techniques

**Aims :** To provide participants with the knowledge, skills, and tools needed to demonstrate the use of inhalation devices, and to coach and teach patients effectively; to provide an overview of the different types of models and how they function; to provide participants with the skills and knowledge needed to guide and train a patient to successfully use an inhaler; to give an overview on how inhalers perform in real-life scenarios; to teach participants how to successfully administer medication and how to avoid common mistakes.

**Track(s) :** Physiology**Tag(s) :** Clinical**Target audience :** Clinician, Nurse, Physiologist, Sleep specialist/technologist, Fellow**Chairs :** Eric Derom (Ghent, Belgium)**Introduction****Workstation 1: Inhalation devices**

Daniel Schuermans (Brussels, Belgium)

**Workstation 2: How to train a patient**

Job van der Palen (Enschede, Netherlands)

**Workstation 3: Inhaler techniques**

Titia Klemmeier-Boekhout (Bedum, Netherlands), Speaker to be confirmed

**Workstation 4: Medication**

Frans H.C. de Jongh (Enschede, Netherlands)

09:30 - 17:30

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.***Professional development workshop: PD1 Spirometry: Train the trainer**  
**ERS spirometry training programme****Aims :** To provide participants with the knowledge and tools to teach high quality spirometry, and provide the necessary training for those who would like to train and certify participants for the European Spirometry Driving Licence Parts 1 and 2 within Europe.**Track(s) :** Physiology**Tag(s) :** Clinical**Target audience :** Pulmonologists, respiratory physicians, nurses, lung function technicians, allied health professionals, and general practitioners.**Chairs :** Irene Steenbruggen (Zwolle, Netherlands), Brendan Cooper (Birmingham, United Kingdom)**09:30** **Welcome and introduction to the course**  
Odile Van Eck (Waalre, Netherlands), Vera Habes (Utrecht, Netherlands)**10:00** **Overview of the European Spirometry Driving License training programmes**  
Brendan Cooper (Birmingham, United Kingdom), Irene Steenbruggen (Zwolle, Netherlands)**10:10** **Principles of teaching and learning**  
Walther N. K. A. van Mook (Maastricht, Netherlands)**10:50** **Break****11:20** **European Spirometry Driving Licence-specific teaching and training**  
Felip Burgos (Barcelona, Spain)**11:50** **Practical session on presentation and facilitation skills**  
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)**12:20** **Presentation from participants****13:00** **Lunch****14:00** **Providing effective feedback**  
Walther N. K. A. van Mook (Maastricht, Netherlands)**14:45** **Discussion and feedback regarding the practical session**  
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)**15:30** **Break****16:00** **Principles of assessment**  
Walther N. K. A. van Mook (Maastricht, Netherlands)**16:40** **Assessment of the European Spirometry Driving Licence programme**  
Julie Lloyd (Birmingham, United Kingdom)

**17:10 Evaluation**  
Vera Habes (Utrecht, Netherlands), Odile Van Eck (Waalre, Netherlands)

## 09:30 - 17:30

*Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.*

### Postgraduate Course: PG2 Advanced thoracic ultrasound Enhance your sonography practice beyond identification of pleural fluid

**Aims :** To provide a solid theoretical framework for physicians wishing to develop their ultrasound skills; to encourage evidence-based practice, where possible; to highlight the utility of thoracic ultrasound beyond identification of pleural fluid, to include assessment of other thoracic structures; to demonstrate that, after suitable training, physicians may safely perform thoracic interventions (including image-guided pleural biopsies); and to complement the Thoracic Ultrasound Educational Skills Workshop.

**Track(s) :** **Physiology**

**Tag(s) :** Clinical

**Target audience :** Clinician, Respiratory physician, Trainee, Pulmonologist, Fellow, Radiologist, Resident, Respiratory therapist, Thoracic surgeon, Cardiologist, Oncologist

**Chairs :** John Wrightson (Oxford, United Kingdom), Jouke T. Annema (Amsterdam, Netherlands)

**09:30 Physics of ultrasound**  
Emma J. Helm (Coventry, United Kingdom)

**10:15 Artefacts**

**11:00 Break**

**11:30 Pleural effusions and thickening**  
Ioannis Psallidas (Oxford, United Kingdom)

**12:15 Assessment of parenchymal abnormalities**  
Speaker to be confirmed

**13:00 Lunch**

**14:00 Pneumothorax**

**14:45 Vascular structures**  
Anton Vonk Noordegraaf (Amsterdam, Netherlands), Speaker to be confirmed

**15:30 Break**

**16:00 Diaphragm assessment**  
John Wrightson (Oxford, United Kingdom)

**16:45 Advanced intervention**  
Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)

## 09:30 - 13:00

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG5 How to reach peripheral solitary nodules

**Aims :** To learn about the epidemiology of peripheral solitary nodules and the different techniques available to reach them.

**Track(s) :** **Oncology**

**Tag(s) :** Clinical

**Chairs :** Christophe Doods (Leuven, Belgium), Gilbert Massard (Strasbourg, France)

**09:30 Peripheral solitary nodules: the epidemiology**  
Mathias Prokop (Nijmegen, Netherlands)

**10:15 CT-guided needle approaches**  
Mark Wielpütz (Heidelberg, Germany)

**11:00 Break**

**11:30 The endoscopic solutions**  
Ralf Eberhardt (Heidelberg, Germany)

**12:15**      **Minimally-invasive surgery**  
Laureano Molins Lopez-Rodo (Barcelona, Spain)

**14:00 - 17:30**

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

## Postgraduate Course: PG15 Muscle weakness and wasting in chronic obstructive pulmonary disease

### Assessment and treatment

**Aims :** To describe the clinical importance of chronic obstructive pulmonary disease (COPD) muscle dysfunction, the risk factors, and the underlying mechanisms; to discuss the potential relationships and differences between exercise capacity and physical activity in COPD patients; to describe to what extent pulmonary rehabilitation and nutritional support may benefit patients with advanced COPD and severe comorbidities such as poor muscle function and muscle loss; to explore the mechanisms that underlie the impairment of skeletal muscle function and mass loss during acute exacerbations in COPD patients; and to describe the available strategies for treating acute exacerbation-induced muscle dysfunction and loss.

**Track(s) :** **Physiology**

**Tag(s) :** Translational

**Chairs :** Pierantonio Laveneziana (Paris, France), François Maltais (Quebec, Canada)

**14:00**      **Clinical relevance of COPD muscle dysfunction and body composition alterations, and their risk factors and underlying mechanisms**  
Esther Barreiro Portela (Barcelona, Spain)

**14:30**      **Differences between exercise capacity and physical activity in COPD: from the lungs to the periphery**  
Roberto A. Rabinovich (Edinburgh, United Kingdom)

**15:00**      **Group assignment**

**15:30**      **Break**

**16:00**      **Pulmonary rehabilitation and nutritional support in COPD patients with altered body composition and poor exercise capacity**  
Ioannis Vogiatzis (Athens, Greece)

**16:30**      **Mechanisms underlying muscle dysfunction in COPD exacerbations**  
Annemie Schols (Maastricht, Netherlands)

**17:00**      **Group assignment**

**14:00 - 17:30**

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

## Postgraduate Course: PG19 The lung in the septic critically-ill patient

**Aims :** To provide an update on the pathobiology of sepsis and the septic lung and how to support and treat septic critically-ill patients.

**Track(s) :** **Intensive care**

**Tag(s) :** Clinical

**Chairs :** Anastasia Kotanidou (Marousi, Greece), Antonio Artigas (Sabadell, Spain), Chair to be confirmed

**14:00**      **The phenomenon of sepsis and the lung**  
Stylianos Orfanos (Athens, Greece)

**14:45**      **How to treat the septic lung in critically-ill patients**  
Antoni Torres Marti (Barcelona, Spain)

**15:30**      **Break**

**16:00**      **Fungal lung infections in critically-ill patients**  
Sijjn Blot (Ghent, Belgium), Speaker to be confirmed

**16:45**      **Immunomodulation in severe pneumonia: where do we stand?**  
Jean-Louis Vincent (Brussels, Belgium), Speaker to be confirmed

09:30 - 13:00

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

### Postgraduate Course: PG8 Paediatric asthma

**Aims :** To discuss the hot topics in epidemiology, specifically the new insights on the effects of prenatal and postnatal exposures, growth patterns, dietary factors, and genetics; to highlight the role of viruses and the airway microbiome in paediatric asthma; to learn about the options for personalised medicine in asthma; and to discuss the management of severe therapy-resistant asthma.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :** Alexander Möller (Zurich, Switzerland), Giorgio Piacentini (Verona, Italy)

**09:30 Viruses and bacteria in paediatric asthma**  
Peter D. Sly (South Brisbane, Australia)

**10:15 Epidemiology of asthma and wheezing disorders**  
Erika von Mutius (Munich, Germany)

**11:00 Break**

**11:30 Personalised medicine in paediatric asthma, including from the patient's perspective**  
Marielle Pijnenburg (Rotterdam, Netherlands)

**12:15 Severe therapy-resistant asthma**  
Urs Frey (Basel, Switzerland)

09:30 - 13:00

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

### Postgraduate Course: PG9 Recurrent respiratory infections in both children and adults

**Aims :** To describe the epidemiology of recurrent respiratory infections in both children and adults, evaluating the immunological work-up, patients' characteristics and risk factors and clinical management and prevention in both populations.

**Track(s) :** Infection Paediatric

**Tag(s) :** Clinical

**Chairs :** Martin Witzenthath (Berlin, Germany), Mark Everard (Perth, Australia)

**09:30 Challenges in diagnosing recurrent respiratory infections and immunological evaluation**  
Speaker to be confirmed

**10:15 Clinical management of children with recurrent respiratory infections**  
Anne Bernadette Chang (Brisbane, Australia)

**11:00 Clinical management of adults with recurrent respiratory infections**  
Michael Tamm (Basel, Switzerland)

**12:15 Primary and secondary prevention of recurrent respiratory infections**  
James D. Chalmers (Perth, United Kingdom), Speaker to be confirmed

09:30 - 13:00

Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.

### Postgraduate Course: PG4 How to improve the success of noninvasive ventilation

**Aims :** To review the physiological rationale for giving patients with hypercapnia and hypoxaemic failure non-invasive ventilation (NIV) support; to provide an overview on the use of NIV in specific patient categories including those with chronic obstructive pulmonary disease (COPD), those who are being weaned from invasive ventilation, and those with congestive heart failure; to discuss the limitations of NIV; to describe new developments in NIV support; and to incorporate the patient perspective for a successful NIV.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Chairs :** Antonio M. Esquinas (Murcia, Spain), Mark W. Elliott (Leeds, United Kingdom), Chair to be confirmed

**09:30 Non-invasive ventilatory support: physiology and interfaces**  
Stefano Nava (Bologna, Italy)

**10:00 Long-term application of NIV: success in obstructive and restrictive lung diseases**  
Michael Dreher (Aachen, Germany)

**10:30 Group assignment**

**11:00 Break**

**11:30 NIV in the intensive care unit: how to improve the success rate in hypoxemic and hypercapnic patients**  
Paolo Navalesi (Vercelli, Italy)

**12:00 Developments in NIV: unusual applications and new modes**  
Leo M.A. Heunks (Nijmegen, Netherlands)

**12:30 Group assignment**

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG11 Assessing respiratory system resistance in children and adults A focus on young children and older adults

**Aims :** To describe alternatives to spirometry that can be used to measure airways and respiratory system resistance, and especially evaluating young children and older adults who may have problems performing an accurate spirometric test; to describe the methods that are particularly useful in clinical settings and to some extent in primary care or outpatient departments; to present the principles, equipment, advantages, and disadvantages of well-known and recently developed alternative methods.

**Track(s) :** Physiology Paediatric

**Tag(s) :** Basic science

**Chairs :** Ellie Oostveen (Edegem, Belgium), Jellien Makonga-Braaksma (Woudenberg, Netherlands), Chair to be confirmed

**14:00 Introduction to airway resistance measurements**  
David Kaminsky (Burlington, United States of America)

**14:45 Plethysmographic assessment of airway resistance**  
Jane Kirkby (London, United Kingdom)

**15:30 Break**

**16:00 Oscillometry (FOT and IOS): definition and application**  
Waldemar Tomalak (Rabka-Zdroj, Poland)

**16:45 Interrupter resistance**  
Peter J. F. M. Merkus (Nijmegen, Netherlands)

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG17 Pulmonary haemodynamics during exercise

**Aims :** To describe the pathophysiological background of right heart catheterisation (RHC) and provide a full comprehensive update on the use of RHC for studying the pulmonary circulation; to describe practical issues regarding the assessment and interpretation of exercise pulmonary haemodynamics with a focus on the reliability and correct interpretation of measurements taken during exercise, zeroing, respiratory swings, normal responses, and different pathological patterns; to discuss from a practical point of view the role of non-invasive methods in assessing exercise pulmonary haemodynamics; and to incorporate the pulmonary arterial hypertension patient's perspective.

**Track(s) :** Physiology

**Tag(s) :** Clinical

**Chairs :** Marion Delcroix (Leuven, Belgium), Irene Lang (Vienna, Austria)

**14:00 Pathophysiology of the pulmonary circulation**  
Andrew Peacock (Glasgow, United Kingdom)

**14:45 Right heart catheterisation: how to avoid the most common mistakes**  
Michele D'Alto (Naples, Italy)

**15:30 Break**

**16:00 Right heart catheterisation for assessing pulmonary exercise haemodynamics**  
Gabor Kovacs (Graz, Austria)



**16:45**      **Non-invasive methods for assessing pulmonary exercise haemodynamics**  
Robert Naeije (Beersel, Belgium)

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG12 Breathlessness over the life course

**Aims :** To describe the different causes of breathlessness and how the prevalence of these causes varies depending on the age of the patient; and to incorporate the breathless patient's perspective.

**Track(s) :** Paediatric Physiology

**Tag(s) :** Clinical

**Chairs :** Bjorn Stallberg (Uppsala, Sweden), Deborah Jarvis (London, United Kingdom)

**14:00**      **Assessment of breathlessness over the life course**  
Christer Janson (Uppsala, Sweden)

**14:20**      **The breathless infant**  
Fabio Midulla (Rome, Italy)

**15:00**      **The breathless teenager**  
Vibeke Backer (Copenhagen, Denmark)

**15:40**      **Break**

**16:10**      **The breathless adult**  
Miriam Johnson (Hull, United Kingdom), Speaker to be confirmed

**16:50**      **Breathlessness in the elderly**  
Hilary Pinnock (Edinburgh, United Kingdom)

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG13 Inhaled antibiotics in respiratory infections

**Aims :** To provide an update on the use of inhaled antibiotics focusing on the evidence regarding their use in both acute and chronic respiratory infections; to delineate the areas of ongoing uncertainty and areas that require additional research.

**Track(s) :** Infection Intensive care

**Tag(s) :** Translational

**Chairs :** Aran Singanayagam (London, United Kingdom), Eva Polverino (Barcelona, Spain)

**14:00**      **Inhaled antibiotics: strengths and fears**  
Lucy B. Palmer (New York, United States of America), Speaker to be confirmed

**14:45**      **Inhaled antibiotics in cystic fibrosis: what we should do and what we still do not know**  
Tobias Welte (Hannover, Germany)

**15:30**      **Break**

**16:00**      **Inhaled antibiotics in non-cystic fibrosis bronchiectasis: better than oral antibiotics?**  
Wim G. Boersma (Alkmaar, Netherlands)

**16:45**      **Inhaled antibiotics in ventilator-associated pneumonia: treatment or prophylaxis?**  
Marcos I. Restrepo (San Antonio, United States of America)

09:30 - 13:00

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG3 Advanced respiratory and cardiovascular exercise testing In health and respiratory disease

**Aims :** To understand the physiological constraints of exercise tolerance and its application in clinical practice; to appreciate the optimal methods for testing lung mechanics and spirometry; to understand the different formats of exercise tests, their advantages and disadvantages, and their different prognostic values in adults and children; and to appreciate the usefulness of exercise testing for evaluating pharmacological and non-pharmacological interventions in clinical practice.

**Track(s) :** Physiology**Tag(s) :** Clinical**Chairs :** Susan Ward (Crickhowell, United Kingdom), Enrico Lombardi (Florence, Italy)**09:30**      **Respiratory mechanics: changes in disease**  
Pierantonio Laveneziana (Paris, France)**10:00**      **Measuring exertional dyspnoea in health and disease**  
Denis O'Donnell (Kingston, Canada)**10:30**      **Group assignment****11:00**      **Break****11:30**      **Cardiopulmonary exercise testing for evaluating muscle strength, endurance and pulmonary rehabilitation**  
Rik Gosselink (Leuven, Belgium)**12:00**      **Lung function and exercise testing in preschool children**  
Kai-Håkon Carlsen (Oslo, Norway), Speaker to be confirmed**12:30**      **Group assignment****14:00 - 17:30***Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.***Postgraduate Course: PG16 Infection control in epidemics: strengthening the evidence base for healthcare workers and the public****Joint PREPARE/ECDC course****Aims :** To provide an overview of the essential evidence to prevent and manage infectious disease epidemics, incorporating new information from influenza, Ebola and MERS epidemics.**Track(s) :** Infection**Tag(s) :** Clinical**Target audience :** Respiratory physician, Intensivist/critical care physician, Microbiologist, Allied health professional, Public health official, Scientist, General practitioner, Clinician, Emergency medicine doctor, Epidemiologist, Immunologist, Nurse, Pulmonologist**Chairs :** Anita Simonds (London, United Kingdom), Pasi Penttinen (Stockholm, Sweden)**14:00**      **Protecting healthcare workers in epidemics and pandemics: the experience from MERS and Ebola**  
Speaker to be confirmed**14:45**      **The role of epidemic intelligence and surveillance in predicting and managing epidemics**  
Thomas Mollet (Solna, Sweden), Speaker to be confirmed**15:30**      **Break****16:00**      **Fusing ICU clinical care and clinical research in severe community acquired pneumonia**  
Jean-Daniel Chiche (Paris, France), Speaker to be confirmed**16:45**      **Fast track trials for drug and vaccine development**  
Laura Fregonese (London, United Kingdom), Speaker to be confirmed**09:30 - 17:30***Registration for this session is additional to the congress registration fee and is €220 on site, €200 standard or €155 for early bird registration.***Postgraduate Course: PG1 Asthma and chronic obstructive pulmonary disease****An update in assessment and treatment****Aims :** To discuss the burden of chronic obstructive lung diseases; to explain the approaches used to assess airways function in these diseases, to provide an update on the mechanisms and treatment of exacerbations, to describe how deeper phenotyping of asthma and COPD will lead to more effective treatment of these diseases.

**Track(s) :** Infection Paediatric Epidemiology / Environment

**Tag(s) :** Clinical, Translational

**Target audience :** Allergologist, Allied health professional, Clinician, Epidemiologist, General practitioner, Immunologist, Paediatrician, Pulmonologist, Trainee, Student

**Chairs :** Ian Douglas Pavord (Oxford, United Kingdom), Gaetano Caramori (Ferrara, Italy)

<b>09:30</b>	<b>The burden of obstructive lung diseases</b> Anne Lindberg (Boden, Sweden)
<b>10:00</b>	<b>Monitoring asthma: state-of-the-art physiological, imaging, and biomarker assessments</b> Omar Usmani (London, United Kingdom)
<b>10:30</b>	<b>Group assignment</b>
<b>11:00</b>	<b>Break</b>
<b>11:30</b>	<b>Asthma phenotypes</b> Sally Wenzel (Pittsburgh, United States of America)
<b>12:00</b>	<b>Asthma exacerbations in children: the paediatrician's view</b> Bart Rottier (Groningen, Netherlands)
<b>12:30</b>	<b>Group assignment</b>
<b>13:00</b>	<b>Lunch</b>
<b>14:00</b>	<b>Monitoring COPD: state-of-the-art physiological, imaging, and biomarker assessments</b> Roland Buhl (Mainz, Germany)
<b>14:30</b>	<b>COPD phenotypes</b> Christopher E. Brightling (Leicester, United Kingdom)
<b>15:00</b>	<b>Group assignment</b>
<b>15:30</b>	<b>Break</b>
<b>16:00</b>	<b>Exacerbations of obstructive lung disease</b> Norbert Krug (Hannover, Germany)
<b>16:30</b>	<b>The future: treating specific endotypes</b> Peter J. Barnes (London, United Kingdom)
<b>17:00</b>	<b>Group assignment</b>

09:30 - 13:00

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG6 Lung fibrosis and sarcoidosis Different diagnostic approaches and treatment modalities

**Aims :** To describe the different diagnostic approaches and treatment modalities in adult and paediatric interstitial lung disease.

**Track(s) :** Paediatric Epidemiology / Environment

**Tag(s) :** Clinical

**Target audience :** Clinician, Paediatrician, Pulmonologist, Thoracic surgeon, Pathologist, Trainee, Student, Respiratory physician

**Chairs :** Joachim Muller-Quernheim (Freiburg, Germany), Venerino Poletti (Forlì, Italy)

<b>09:30</b>	<b>The pathomechanism of lung fibrosis and sarcoidosis</b> Manuela Funke-Chambour (Bern, Switzerland)
<b>10:15</b>	<b>Diagnostic and therapeutic standards in lung fibrosis and sarcoidosis</b> Katerina Antoniou (Heraklion, Greece)
<b>11:00</b>	<b>Break</b>
<b>11:30</b>	<b>Chronic interstitial lung disease in children: diagnosis and treatment</b> Annick Clement (Paris, France)

**12:15 Lung transplantation: the pros and cons**  
Geert Verleden (Leuven, Belgium)

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG14 Interventional pulmonology

**Aims :** To describe the major indications and therapeutic modalities in interventional pulmonology.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Target audience :** Pulmonologist, Thoracic surgeon, Respiratory therapist, Respiratory physician, Clinician, Radiologist, Fellow, Resident, Oncologist, Thoracic endoscopist

**Chairs :** Michela Bezzi (Brescia, Italy), Pallav L. Shah (London, United Kingdom)

**14:00 Central airway obstruction: laser, APC, stents and other techniques**  
Christophe Doods (Leuven, Belgium)

**14:30 Haemoptysis: the endoscopic options**  
Arschang Valipour (Vienna, Austria)

**15:00 Group assignment**

**15:30 Break**

**16:00 Interventions for obstruction: endoscopic lung volume reduction/thermoplasty**  
Daniela Gompelmann (Heidelberg, Germany)

**16:30 Solitary pulmonary nodules: approach options**  
Stefano Gasparini (Ancona, Italy)

**17:00 Group assignment**

09:30 - 13:00

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG7 New guidelines for the classification and staging of lung cancer

**Aims :** To present and disseminate the new guidelines concerning the pathological classification of lung cancer and the 9th American Joint Committee on Cancer staging guidelines; to analyse the molecular-pathological correlations in lung cancer; and to describe the staging techniques needed to implement the new guidelines.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Target audience :** Clinicians, epidemiologists, general practitioners, junior members, oncologists, pathologists, pulmonologists, residents, respiratory physicians, scientists, students, thoracic surgeons, and trainees.

**Chairs :** Bogdan Dragos Grigoriu (Iasi, Romania), Françoise Galateau-Salle (Caen, France)

**09:30 The new World Health Organisation classification of lung cancer**  
Philipp A. Schnabel (Hamburg, Germany)

**10:15 Molecular-pathological correlations in lung cancer**  
Elisabeth Brambilla (Grenoble, France)

**11:00 Break**

**11:30 TNM descriptor and classification changes in the 8th edition**  
Peter Goldstraw (London, United Kingdom)

**12:15 Staging techniques needed for implementing the new staging recommendations**  
Torsten Gerriet Blum (Berlin, Germany)

14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG20 Thymic tumours

**Aims :** To highlight the most important aspects of thymic tumours, namely, their classification, staging, the treatment options, and the assessment of treatment response; to address the role of surgery given the increasing availability of minimally-invasive video-assisted procedures for treating thymic tumours;; and to learn how to apply in practice the structured approach to these patients, starting with the first contact with them.

**Track(s) :** **Oncology**

**Tag(s) :** Clinical

**Chairs :** Marco Lucchi (Pisa, Italy), Dragan R. Subotic (Belgrade, Republic of Serbia)

**14:00**      **Modern definition of mediastinal compartments and the current approach to patients with an anterior mediastinal mass**  
Pier Luigi Filosso (Castellamonte, Italy), Speaker to be confirmed

**14:45**      **Current histological classification and staging of thymomas**  
Thomas Tousseyn (Leuven, Belgium), Speaker to be confirmed

**15:30**      **Break**

**16:00**      **Treatment for thymic epithelial**  
Nicolas Girard (Bron, France), Speaker to be confirmed

**16:45**      **Surgery in thymic tumours**  
Walter Klepetko (Vienna, Austria)

## 14:00 - 17:30

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG18 Sleep apnoea and comorbidities

**Aims :** To provide an update on the interaction of common comorbidities in sleep apnoea patients and the clinical consequences of the association.

**Track(s) :** **Sleep**

**Tag(s) :** Clinical

**Chairs :** Maria Bonsignore (Palermo, Italy), Sophia E. Schiza (Heraklion, Greece)

**14:00**      **Obstructive sleep apnoea and heart failure**  
Olaf Oldenburg (Bad Oeynhausen, Germany), Speaker to be confirmed

**14:45**      **Sleep apnoea and diabetes: a complex relationship**  
Mary Ip (Hong Kong, Hong Kong)

**15:30**      **Break**

**16:00**      **Obstructive sleep apnoea and coronary artery disease**  
Yuksel Peker (Istanbul, Turkey)

**16:45**      **Obstructive sleep apnoea and COPD: can we use autotitrating ventilatory devices?**  
Patrick Murphy (Oxtd, United Kingdom)

## 09:30 - 13:00

*Registration for this session is additional to the congress registration fee and is €140 on site, €125 standard or €95 for early bird registration.*

### Postgraduate Course: PG10 Tuberculosis management: a personalised clinical approach

**Aims :** To update the knowledge and clinical skills of healthcare workers in the management of drug-susceptible tuberculosis; to improve the effectiveness of diagnosis, particularly in low-income areas; and to throw light on the necessary infection control activities.

**Track(s) :** **Infection**

**Tag(s) :** Clinical

**Target audience :** Clinician, Pulmonologist, TB specialist, Public health official, Nurse

**Chairs :** Marc Lipman (London, United Kingdom), Ali Zumla (London, United Kingdom), Chair to be confirmed

**09:30**      **Diagnostic opportunities in low-income countries**  
Keertan Dheda (Cape Town, South Africa)

**10:15**      **When, where, and how to treat tuberculosis in multiple drug resistant patients**  
Payam Nahid (San Francisco, United States of America)

11:00 **Break**

11:30 **In and outpatient infection control activities**  
Riitta Dlodlo (Bulawayo, Zimbabwe)

12:15 **Contact tracing to detect new patients and new infected cases**  
Connie G.M. Erkens (The Hague, Netherlands)

09:00 - 10:30

### Session: Primary Care Day: challenging times I Clinical challenges in day-to-day primary care

**Aims :** The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). This first session of the ERS Primary Care day addresses three common challenge that we face in daily practice.

**Chairs :** Esther Metting (Groningen, Netherlands), Chair to be confirmed

09:00 **The challenge of getting the right diagnosis: asthma and COPD, new diagnostic possibilities**  
Thys Van Der Molen (Groningen, Netherlands)

09:30 **The challenge of multi-morbidity: assessing and managing the whole patient**  
Ioanna Tsiligianni (Heraklion, Crete, Greece)

10:00 **The challenge of adherence: recognising and addressing poor adherence (in time limited consultations)**  
Rob Horne (London, United Kingdom)

09:00 - 10:40

### Session: China Session I New perspectives in respiratory medicine

**Aims :** The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and China. The session will offer participants an overview on pulmonary vascular medicine, sleep disorders, interventional respiratory medicine, COPD and tuberculosis, and the possibility to discuss similarities and differences in Europe and China.

**Target audience :** Clinicians and public health practitioners working on different fields of respiratory medicine, and policy makers responsible for implementing policies in respiratory medicine.

**Chairs :** Guy F Joos (Gent, Belgium), Chair to be confirmed

09:00 **The diagnose and intervention of early-stage COPD**  
Speaker to be confirmed

09:25 **Asthma control: how can it be improved**  
Guy F Joos (Gent, Belgium)

09:50 **The research progress on pulmonary vascular diseases in China**  
Zhenguo Zhai (Beijing, China)

10:15 **Break**

10:40 - 12:45

### Session: China Session II New perspectives in respiratory medicine

**Aims :** The session will present and discuss the new advances in respiratory medicine presented by experienced speakers from the ERS leadership and China. The session will offer participants an overview on pulmonary vascular medicine, sleep disorders, interventional respiratory medicine, COPD and tuberculosis, and the possibility to discuss similarities and differences in Europe and China.

**Target audience :** Clinicians and public health practitioners working on different fields of respiratory medicine, and policy makers responsible for implementing policies in respiratory medicine.

**Chairs :** Jørgen Vestbo (Manchester, United Kingdom), Chair to be confirmed

10:40 **The prevalence of COPD in China: data from the latest national survey**  
Speaker to be confirmed

11:05 **Prevention and management of COPD exacerbations**  
Jørgen Vestbo (Manchester, United Kingdom)

- 11:30**      **Establish the standardised diagnose and treatment system of sleeping apnoea in China**  
Fang Han (Beijing, China)
- 
- 11:55**      **New perspectives in MDR-TB management**  
Giovanni Battista Migliori (Varese, Italy)
- 
- 12:20**      **The progress and challenges on prevention and management of tuberculosis in China**  
Speaker to be confirmed

11:00 - 12:20

**Session: Primary Care Day: challenging times II****Taking up the challenge**

**Aims :** The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The second session of the day addresses four approaches to addressing challenges.

**Chairs :** Jaime Correia de Sousa (Porto, Portugal), Jacqui Cooper (Nottingham, United Kingdom)

- 11:00**      **Leading quality in primary care: GPwSIs in the Netherlands**  
Speaker to be confirmed
- 
- 11:20**      **Promoting Fresh Air: addressing smoking cessation and indoor pollution**  
Niels Chavannes (Leiden, Netherlands)
- 
- 11:40**      **Evaluating implementation: a framework for implementation science**  
Hilary Pinnock (Edinburgh, United Kingdom)
- 
- 12:00**      **Developing primary healthcare: Slovenian primary care**  
Speaker to be confirmed

12:00 - 17:30

**HERMES examination: HERMES Examination**

**Chairs :** Silvia Ulrich (Zurich, Switzerland), Robert Primhak (Sheffield, United Kingdom)

13:00 - 15:00

**Session: ERS/French Programme I****Innovative treatments and new concepts in respiratory medicine: the future looks bright indeed!**

**Aims :** The aim of this session is to provide an updated overview of new therapeutics in various fields of respiratory medicine. Future drugs and strategies that might develop within the next 5 years will also be presented and discussed by internationally recognised experts. Note that the presentations will be conducted in French with dual projection of slides in French and English.

**Target audience :** Clinician

**Chairs :** Elisabeth H.D. Bel (Amsterdam, Netherlands), Philippe Delaval (Cesson, France)

- 13:00**      **Réduction volumique par spirales dans le traitement de l'emphysème sévèreLung reduction coil treatment in severe emphysema**  
Gaëtan Deslee (Reims, France)
- 
- 13:30**      **Médecine personnalisée et BPCO: où en sommes-nous ?Personalised medicine and COPD: where are we now?**  
Nicolas Roche (Paris, France)
- 
- 14:00**      **A la recherche des empreintes digitales de l'asthmeIn search of asthma fingerprints**  
Kian Fan Chung (London, United Kingdom)
- 
- 14:30**      **Syndrome obésité-hypoventilation: de la physiologie au traitementObesity hypoventilation: from pathophysiology to treatment**  
Jean-Paul Janssens (Geneva, Switzerland)

13:15 - 17:30

**Session: Russia Session****Idiopathic pulmonary fibrosis**

**Aims :** The objective of this programme is to discuss epidemiology, pathology, diagnosis and management of idiopathic pulmonary fibrosis. Note that presentations will be presented also in Russian. Dual projection of the slides will be available in English and Russian.

**Target audience :** Pulmonologist, GPs, thoracic surgeons, morphologist, imaging-specialists.

**Chairs :** Alexander G. Chuchalin (Moscow, Russian Federation), Katerina Antoniou (Heraklion, Greece), Chair to be confirmed

**13:15 Idiopathic pulmonary fibrosis: classification, epidemiology, course and prognosis**  
Katerina Antoniou (Heraklion, Greece)

**13:45 Pathology of idiopathic interstitial pneumonias**  
Evgenia Kogan (Moscow, Russian Federation)

**14:15 Approach to diagnosis of idiopathic pulmonary fibrosis**  
Ulrich Costabel (Essen, Germany)

**14:45 Imaging of idiopathic pulmonary fibrosis**  
Igor Tyurin (Moscow, Russian Federation)

**15:15 Break**

**15:30 Medication therapy of idiopathic pulmonary fibrosis**  
Luca Richeldi (Southampton, United Kingdom)

**16:00 Lung transplantation in idiopathic pulmonary fibrosis**  
Alexander G. Chuchalin (Moscow, Russian Federation), Evgeny Tarabrin (Moscow, Russian Federation)

**16:30 Exacerbation of idiopathic pulmonary fibrosis**  
Sergey Avdeev (Moscow, Russian Federation)

**17:00 Registry of idiopathic pulmonary fibrosis patients**  
Martina Vašáková (Prague, Czech Republic)

13:30 - 14:30

### Session: Primary Care Day: challenging times III Meeting tomorrow's challenge

**Aims :** The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The third session of the day highlights three innovative approaches for the future.

**Chairs :** Janwillem Kocks (Groningen, Netherlands), Karin Lisspers (Gagnef, Sweden)

**13:30 Developing tomorrow's leaders: UK respiratory leaders programme**  
Noel Baxter (London, United Kingdom)

**13:50 Using big data to change healthcare: improving quality of care with routine data**  
Brendan Delaney (London, United Kingdom)

**14:10 Tomorrow's medicine today: overview of personalised medicine and insights into tomorrow's world**  
Alvar Agusti Garcia-Navarro (Barcelona, Spain)

15:00 - 16:30

### Session: Primary Care Day: challenging times IV Grand Round

**Aims :** The following challenges in primary care will be discussed: getting the right diagnosis; assessing the whole patient, especially in cases of multiple morbidities; changing patient behaviour (adherence, smoking); dealing with changing systems/organisations; and getting our head around the future (particularly with regard to personalised medicine). The final session of the day builds on the insights of the day to consider solutions for familiar clinical challenges.

**Chairs :**

**15:00 Challenges and solutions from primary care clinical practice: interactive case presentations**  
Speaker to be confirmed

**16:00 Panel discussion: expert panel of primary and secondary care**

15:30 - 17:30

### Session: ERS/French Programme II

**Guidelines, new diagnostic & therapeutic tools to help pulmonologists: all the reasons why we cannot ignore them anymore**



**Aims :** This session will focus on new diagnostic tools and therapeutic approaches that will help pulmonologists to treat or prevent respiratory disorders. It will also cover therapeutic aspects in pulmonary hypertension and intensive care medicine. Note that the presentations will be conducted in French with dual projection of slides in French and English.

**Target audience :** Clinician

**Chairs :** François Chabot (Vandoeuvre-les-Nancy, France), Guy F Joos (Gent, Belgium)

**15:30**      **Recommandations européennes ERS/ESC pour le diagnostic et la prise en charge de l'hypertension pulmonaire**  
**ERS/ESC European guidelines for the diagnosis and treatment of pulmonary hypertension**  
 Marc Humbert (Paris, France)

**16:00**      **La diffusion pulmonaire du monoxyde d'azote (DLNO): des recommandations pratiques aux applications cliniques**  
**Lung transfer of Nitric Oxide (DLNO): from practical guidelines to clinical applications**  
 Anh Tuan Dinh-Xuan (Paris, France)

**16:30**      **Fibrose pulmonaire idiopathique: de la détection précoce au traitement**  
**Idiopathic pulmonary fibrosis: from early detection to treatment**  
 Vincent Cottin (Lyon, France)

**17:00**      **Nouvelles perspectives thérapeutiques dans la tuberculose multi-résistante**  
**New perspectives in the treatment of MDR-TB**  
 Giovanni Battista Migliori (Varese, Italy)

17:00 - 17:50

**Group members' meeting: 7.1 Paediatric respiratory physiology**

**Chairs :** Graham Hall (West Perth, Australia), Refika Hamutcu Ersu (Istanbul, Turkey)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC1 Breathless cases

**Aims :** To describe the mechanisms by which hypoxia is sensed in the body, the many effects of hypoxia or abnormal hypoxia sensing on the body and its clinical consequences; to provide a diagnostic strategy that is based on physiological reasoning; to discuss therapeutic approaches and the important role of iron; to show whether breathlessness is due to hypoxia or abnormal hypoxia sensing.

**Track(s) :** Physiology

**Tag(s) :** Clinical

**Chairs :** Sean Gaine (Dublin, Ireland)

#### Living at high altitude in the Netherlands

Anton Vonk Noordegraaf (Amsterdam, Netherlands)

#### How low can you go

Luke Howard (London, United Kingdom)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC2 Children's interstitial lung disease

#### Working through clinical conundrums with the ChILD-EU team

**Aims :** To demonstrate and promote the benefits of proactive interactions between specialists in rare lung diseases in children; to help clinicians from countries that are not currently linked to ChILD-EU; to present difficult cases for expert review; and to increase understanding of ChILD conditions and how interactions between clinical, genetic, radiological, and histopathological specialists can help to reach a diagnosis; to provide a patient's perspective on the ChILD project.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :** Matthias Griese (Munich, Germany), Carlee Gilbert (London, United Kingdom)

#### How radiology can help to diagnose ChILD

Alistair Calder (London, United Kingdom)

#### A logical approach to the histology of ChILD

Aurore Coulomb L'Hermine (Paris, France), Speaker to be confirmed

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW5 Thoracic ultrasound

**Aims :** To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.

**Tag(s) :** Clinical

**Chairs :** Nick Maskell (Bristol, United Kingdom)

#### Introduction

#### Workstation 1: The normal human thoracic cavity

Speaker to be confirmed

#### Workstation 2: Pleural effusion and/or pleural thickening

#### Workstation 3: Case studies

John Wrightson (Oxford, United Kingdom)

#### Workstation 4: Guided pleural aspiration and lymph node biopsy using models

Rahul Bhatnagar (Bristol, United Kingdom), Nick Maskell (Bristol, United Kingdom), Duneesha De Fonseca (Bristol, United Kingdom)

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW4 Difficult airway management in an intensive care unit

#### Difficult intubation

**Aims :** To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Target audience :** Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon

**Chairs :** Cesare Gregoretti (Turin, Italy)

#### Introduction

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#### Workstation 1: Supraglottic devices in difficult airways: tricks and traps

Laszlo Szegedi (Brussels, Belgium)

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#### Workstation 2: Nasal and oral fiberoptic intubation for elective intubation

Mohamed El Tahan (Dammam, Saudi Arabia)

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#### Workstation 3: Video-assisted intubation (1)

Nandor Marczin (Harefield, United Kingdom)

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#### Workstation 4: Video-assisted intubation (2)

Mert Senturk (Istanbul, Turkey)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW6 Difficult airway management in an intensive care unit

#### Difficult intubation

**Aims :** To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Target audience :** Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon

**Chairs :** Chair to be confirmed

#### Introduction

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#### Workstation 1: Supraglottic devices in difficult airways: tricks and traps

Christian Bruells (Aachen, Germany)

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#### Workstation 2: Nasal and oral fiberoptic intubation for elective intubation

Marcelo Gama de Abreu (Dresden, Germany)

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#### Workstation 3: Video-assisted intubation (1)

Cesare Gregoretti (Turin, Italy)

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#### Workstation 4: Video-assisted intubation (2)

Alaa Khidr (Dammam, Saudi Arabia)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW8 Difficult airway management in an intensive care unit

#### Difficult intubation

**Aims :** To provide an opportunity to receive hand-on training for managing difficult airways with supraglottic devices, fiberoptic techniques, and video-assisted intubation.

**Track(s) :** Intensive care**Tag(s) :** Clinical**Target audience :** Anaesthesiologist, Clinician, Emergency medicine doctor, Fellow, Intensivist/critical care physician, Pulmonologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon**Chairs :** Nandor Marczin (Harefield, United Kingdom), Chair to be confirmed**Introduction****Workstation 1: Supraglottic devices in difficult airways: tricks and traps**

Laszlo Szegedi (Brussels, Belgium)

**Workstation 2: Nasal and oral fiberoptic intubation for elective intubation**

Marcelo Gama de Abreu (Dresden, Germany)

**Workstation 3: Video-assisted intubation (1)**

Christian Bruells (Aachen, Germany)

**Workstation 4: Video-assisted intubation (2)**

Mert Senturk (Istanbul, Turkey)

10:40 - 13:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.***Skills workshop: SW7 Thoracic ultrasound****Aims :** To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.**Tag(s) :** Clinical**Target audience :** Fellow, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon**Chairs :** Nick Maskell (Bristol, United Kingdom)**Introduction****Workstation 1: The normal human thoracic cavity**

Speaker to be confirmed

**Workstation 2: Pleural effusion and/or pleural thickening**

Ioannis Psallidas (Oxford, United Kingdom)

**Workstation 3: Case studies**

Najib M. Rahman (Oxford, United Kingdom)

**Workstation 4: Guided pleural aspiration and lymph node biopsy using models**

Rahul Bhatnagar (Bristol, United Kingdom), Speaker to be confirmed

14:30 - 16:50

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.***Skills workshop: SW9 Thoracic ultrasound****Aims :** To provide participants with an update on thoracic ultrasound knowledge and an opportunity to practise basic hands-on skills using training models, simulators, volunteers and patients.**Tag(s) :** Clinical**Target audience :** Fellow, Pulmonologist, Radiologist, Resident, Respiratory physician, Respiratory therapist, Thoracic surgeon**Chairs :** Najib M. Rahman (Oxford, United Kingdom)**Introduction****Workstation 1: The normal human thoracic cavity****Workstation 2: Pleural effusion and/or pleural thickening**

Ioannis Psallidas (Oxford, United Kingdom)

**Workstation 3: Case studies**

John Wrightson (Oxford, United Kingdom)

**Workstation 4: Guided pleural aspiration and lymph node biopsy using models**

Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa), Duneesha De Fonseka (Bristol, United Kingdom)

13:00 - 14:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Meet the expert: ME1 Biomarkers for interstitial lung disease**

**Aims :** To critically review the most recent findings in interstitial lung disease (ILD) biomarker research including discovery tools; and to understand how biomarkers could be used to clinically manage specific forms of ILD such as idiopathic pulmonary fibrosis (IPF) or connective tissue disease (CTD)-ILD.

**Tag(s) :** Translational

**Chairs :**

**13:00**      **Biomarkers for interstitial lung disease**  
Martin Kolb (Hamilton, Canada)

13:00 - 14:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Meet the expert: ME2 New treatment approaches for idiopathic pulmonary fibrosis**

**Aims :** To review the drug development landscape for idiopathic pulmonary fibrosis (IPF) in the light of the newly approved anti-fibrotic drugs pirfenidone and nintedanib; and to discuss the preclinical, methodological, and clinical challenges in IPF drug development.

**Tag(s) :** Translational

**Chairs :**

**13:00**      **New treatment approaches for IPF**  
Luca Richeldi (Southampton, United Kingdom)

13:00 - 14:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Meet the expert: ME3 Fiberoptic bronchoscopy in children**

**Aims :** To describe the more common indications for fiberoptic bronchoscopy in children; to review the risks and benefits of fiberoptic bronchoscopy for the patient.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Target audience :** Otolaryngologist, Paediatrician, Pulmonologist, Student, Junior member, Fellow

**Chairs :**

**13:00**      **Fiberoptic bronchoscopy in children**  
Angelo Barbato (Padova, Italy)

13:00 - 14:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Meet the expert: ME4 Pulmonary arteriovenous malformations  
Including hereditary haemorrhagic telangiectasia**

**Aims :** To understand the risks posed by pulmonary arteriovenous malformations (PAVMs); to know how to initiate the appropriate management for patients with PAVMs when they present with symptoms or when the PAVM is found incidentally by chest radiography or thoracic computer tomography scanning; to be able to apply the different management principles for hypoxaemia and polycythaemia in PAVMs compared to other respiratory diseases and be able to recognise the additional challenges that are posed by hereditary haemorrhagic telangiectasia (HHT), which frequently associates with PAVM. A patient participant will be included in the session.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Pulmonary arteriovenous malformations**  
Claire Shovlin (London, United Kingdom)

07:30 - 08:20

**Group members' meeting: 1.1 Clinical Problems****Chairs :** Mohankumar Thekkinkattil (Coimbatore, India), Laura Fregonese (London, United Kingdom)

07:30 - 08:20

**Group members' meeting: 1.3 Imaging****Chairs :** Aleksandar Grgic (Homburg/Saar, Germany), Johan Coolen (Leuven, Belgium)

07:30 - 08:20

**Group members' meeting: 1.5 Diffuse parenchymal lung disease****Chairs :** Katerina Antoniou (Heraklion, Greece), Francesco Bonella (Dusseldorf, Germany)

07:30 - 08:20

**Group members' meeting: 3.1 Molecular pathology and functional genomics****Chairs :** Philippe Bonniaud (Dijon, France), Aurelie Fabre (Dublin, Ireland)

07:30 - 08:20

**Group members' meeting: 6.2 Occupational and environmental health****Chairs :** Paul Blanc (San Francisco, United States of America), Paul Cullinan (London, United Kingdom)

07:30 - 08:20

**Group members' meeting: 5.2 Monitoring airway disease****Chairs :** Stylianos Loukides (Voula, Athens, Greece), Jose Luis Lopez-Campos Bodineau (Sevilla, Spain)

07:30 - 08:20

**Group members' meeting: 5.3 Allergy and immunology****Chairs :** Hans Jürgen Heinrich Hoffmann (Århus, Denmark), Apostolos Bossios (Gothenburg, Sweden)

07:30 - 08:20

**Group members' meeting: 6.3 Tobacco, smoking control and health education****Chairs :** Paraskevi Katsaounou (Athens, Greece), Sofia Ravara (Covilha, Portugal)

08:00 - 16:00

**Professional development workshop: PD2 EBUS train the trainer****Part 3 - Supervised training and portfolio****Chairs :****09:00 EBUS train the trainer**

Felix J.F. Herth (Heidelberg, Germany), Lars Konge (Virum, Denmark), Jouke T. Annema (Amsterdam, Netherlands), Paul Frost Clementsen (Copenhagen, Denmark)

**12:00 Lunch****13:00 EBUS train the trainer**

Felix J.F. Herth (Heidelberg, Germany), Lars Konge (Virum, Denmark), Paul Frost Clementsen (Copenhagen, Denmark), Speaker to be confirmed

08:30 - 10:30

**Symposium: Lung involvement in systemic disorders  
an update to this neglected field****Aims :** Many systemic disorders have lung involvement that is often neglected. The modern pulmonologist must follow a holistic approach. Recently, chest physicians have realised that several diseases, including IgG4 disease, transfusion-related acute lung injury (TRALI), and diabetes, have significant lung involvement. An update in this field is needed.**Tag(s) :** Clinical**Chairs :** Vincent Cottin (Lyon, France), Maurizio Marvisi (Cremona, Italy)

- 08:30**      **Autoimmune disease and the lung**  
Michael Kreuter (Heidelberg, Germany)
- 
- 09:00**      **IgG4 disease and the lung**  
Jay Ryu (Rochester, United States of America)
- 
- 09:30**      **Thrombophilia and thrombosis in lung diseases: how to check for and treat them**  
Speaker to be confirmed
- 
- 10:00**      **TRALI: a neglected clinical problem**  
Pieter Roel Tuinman (Amsterdam, Netherlands)

08:30 - 10:30

**Symposium: COPD case-finding: how can we find the missing millions?**

**Aims :** The aim of this session is to summarise and discuss the latest findings regarding the identification of patients with undiagnosed but symptomatic COPD. The session will include a review of studies evaluating the clinical- and cost-effectiveness of different COPD case-finding approaches; an overview of the algorithms that have been derived from primary care records and that aim to improve the efficiency of COPD case-finding; a discussion of the views of GPs, healthcare professionals, and patients on COPD case-finding; and an overview of the pros and cons of a structured screening programme and the gaps in the evidence.

**Tag(s) :** Clinical**Chairs :** Peymane Adab (Birmingham, United Kingdom), Barbara Yawn (Rochester, United States of America)

- 08:30**      **What is the most clinically- and cost-effective approach for identifying undiagnosed COPD?**  
Helgo Magnussen (Grosshansdorf, Germany)
- 
- 09:00**      **Can we use GP databases to improve the efficiency of screening for undiagnosed COPD?**  
Jennifer Quint (London, United Kingdom)
- 
- 09:30**      **Screening for COPD in non-smokers**  
Sundeep Santosh Salvi (Pune, India)
- 
- 10:00**      **What do patients and GPs think about identifying undiagnosed COPD?**  
Mike Thomas (Southampton, United Kingdom)

08:30 - 10:30

**Symposium: Immunotherapy: the lethal weapon against thoracic malignancies?**

**Aims :** To focus on the principles of immunotherapy and various clinical treatment strategies as immunotherapy will most likely change current practice in the treatment of thoracic malignancies; to highlight the most relevant clinical data regarding lung cancer and malignant pleural mesothelioma.

**Track(s) :** Oncology**Tag(s) :** Clinical**Chairs :** Rainer G. Wiewrodt (Münster, Germany), Maha Zohra Ladjemi (Brussels, Belgium), Chair to be confirmed

- 08:30**      **Rationale and targets of immunotherapy in thoracic malignancies**  
Speaker to be confirmed
- 
- 09:00**      **Current place and future of immunotherapy in lung cancer**  
Arnaud Scherpereel (Lille, France), Speaker to be confirmed
- 
- 09:30**      **Immunotherapy for malignant pleural mesothelioma: ready for clinical practice?**  
Steven Albelda (Philadelphia, United States of America)
- 
- 10:00**      **How to select good candidates for immunotherapy against thoracic malignancies**  
Sylvie Lantuejoul (Lyon, France), Speaker to be confirmed

08:30 - 10:30

**Symposium: Nerves in airway disease: genotype, phenotype and endotype**

**Aims :** This session will describe how airway nerves may be involved in the pathophysiology and symptomatology of chronic lung disease, highlight how neuronal responses may be exaggerated in respiratory diseases, describe the mechanisms involved in these exaggerated responses and how studies in translational models of disease may lead to new therapeutic strategies.

**Track(s) :** Physiology**Tag(s) :** Translational**Target audience :** Clinician, Fellow, General practitioner, Pharmaceutical industry representative, Physiologist, Pulmonologist, Researcher, Respiratory physician, Student**Chairs :** Alyn Hugh Morice (Cottingham, United Kingdom), Jeroen Vanoirbeek (Leuven, Belgium), Chair to be confirmed**08:30**      **Feel the pain: lessons learnt from other sensory systems**  
Speaker to be confirmed**09:00**      **Translational challenge models: identifying disease phenotypes**  
Maria Gabriela Belvisi (London, United Kingdom)**09:30**      **Central neuronal phenotypes in lung disease**  
Stuart Mazzone (Brisbane, Australia)**10:00**      **Emerging therapies for neuronal dysfunction and cough**  
Jaclyn Smith (Manchester, United Kingdom)

08:30 - 10:30

**Session: ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session I****Aims :** The aims of this session is to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments. Note that the presentations will be conducted in Spanish, Portuguese or English with dual projection of slides in Spanish/Portuguese and English.**Target audience :** ERS International Congress participants from Spanish and Portuguese speaking countries, and all others welcome.**Chairs :** Renato Maciel (Belo Horizonte, Brazil), Inmaculada Alfageme Michavila (Sevilla, Spain)**08:30**      **Introduction by the Presidents**  
Inmaculada Alfageme Michavila (Sevilla, Spain), Renato Maciel (Belo Horizonte, Brazil)**08:40**      **Pulmonary amyloidosis: case review**  
Klaus Loureiro Irion (Salford, United Kingdom)**09:10**      **Obstructive sleep apnoea and arterial hypertension**  
Fernando Eduardo Barbe Illa (Lleida, Spain)**09:40**      **Introduction to Keynote Lecture**  
Giovanni Battista Migliori (Varese, Italy)**09:45**      **Accelerated ageing in COPD and its comorbidities: novel therapies for the future**  
Peter J. Barnes (London, United Kingdom)

08:30 - 10:30

**Session: ERS publications: a focus on recent guidelines and task forces****Aims :** The aim of this session is to highlight recent guidelines and task force published in ERS publications.**Target audience :** Respiratory physicians, nurses, students in training.**Chairs :** Anita Simonds (London, United Kingdom), Sergio Alfonso Harari (Milan, Italy), Anh Tuan Dinh-Xuan (Paris, France)**08:30**      **Pulmonary hypertension**  
Marc Humbert (Paris, France)**09:00**      **Chronic pulmonary aspergillosis**  
Speaker to be confirmed**09:30**      **Care of adults with cystic fibrosis**  
Stuart Elborn (Belfast, United Kingdom), Speaker to be confirmed**10:00**      **Management of latent Mycobacterium tuberculosis infection: WHO guidelines for low tuberculosis burden countries**  
Haileyesus Getahun (Geneva, Switzerland)

08:30 - 10:30

**Year in review: Scientific Year in Review 2016**

preceded by Ceremony for the ERS Romain Pauwels Research Award

**Aims :** This session will give the delegates a state-of-the-art update on key scientific topics in respiratory field.



**Tag(s) :** Translational

**Target audience :** Researcher, Scientist, and all who have a strong interest in science.

**Chairs :** Christian M. Kähler (Wangen im Allgäu, Germany), Stefano Aliberti (Milan, Italy)

**08:30**      **Ceremony for the ERS Romain Pauwels Research Award**

**08:40**      **From the bench: promising new targets and molecules**  
Ian M. Adcock (London, United Kingdom)

**09:07**      **From the bedside: upcoming new clinical strategies**  
Neal Navani (London, United Kingdom), Speaker to be confirmed

**09:34**      **Drug development: news from "hot" phase II trials**  
Bruno Crestani (Paris, France)

**10:01**      **About what the scientific world is talking in 2016: "The Lung Microbiome"**  
Robert Dickson (Ann Arbor, United States of America)

08:30 - 10:30

### Poster Discussion: Infections, sepsis and pulmonary embolism

**Chairs :**

**Comparison between bronchoscopic BAL and non-bronchoscopic BAL in patients with VAP**  
Sami Eldahdoh, Speaker to be confirmed

**Usefulness of procalcitonin as a predictor for bacteremia and prognosis in severe sepsis**  
Min Kwang Byun, Yoon Soo Chang, Hyung Jung Kim, Chul Min Ahn, Speaker to be confirmed

**Removal of extracellular ATP improves fMLP-induced neutrophil chemotaxis**  
Xiaoou Li, Yutaka Kondo, Y.I. Bao, Laura Staudenmaier, Albert Lee, Jingping Zhang, Carola Ledderose, Fuqiang Wen, Wolfgang Junger, Speaker to be confirmed

**Emergency asthma care in England: Themes identified during audits at five hospital trusts**  
Ian Clifton, Patrick Dennison, James McCreanor, Sean Parker, Dominick Shaw, On Behalf of the Asthma A&E Project, Speaker to be confirmed

**Runtime and aPTT predict venous thrombosis and thromboembolism in patients on extracorporeal membrane oxygenation: A retrospective analysis**  
Franziska Trudzinski, Peter Minko, Daniel Rapp, Sebastian Fändrich, Hendrik Haake, Myriam Haab, Rainer M. Bohle, Monika Flaig, Franziska Kaestner, Robert Bals, Heinrike Wilkens, Ralf M. Muellenbach, Andreas Link, Christian Lensch, Heinrich V. Groesdonk, Frank Langer, Philipp M. Lepper, Speaker to be confirmed

**Pulmonary originated sepsis: Can N/L ratio be used as follow-up marker?**  
Rabia Sari, Mustafa Ay, Emin Çelikkaleli, Ümit İgen Yalaz Tekan, Fulya Çiğdem Yılmaz, Feyza Kargin, Cuneyt Salturk, Özlem Mocin, Gokay Gungor, Nalan Adiguzel, Zuhul Karakurt, Speaker to be confirmed

**Pulmonary embolism in an emergency care unit of Southern Italy: Evaluation of predictive factors from clinical history and physical exam**  
Baldassare Canino, Davide Noto, Vincenzo Paternò, Emanuela Fertitta, Eugenia Hopps, Francesco Brocato, Antonina Giammanco, Maurizio Averna, Rosario Squatrito, Speaker to be confirmed

**Use of high-flow nasal cannula in the emergency department**  
Vanessa Romina Ruiz, Germán Federico Mayer, Nicolás Gustavo Roux, Hugo Alberto Peralta, Speaker to be confirmed

**Methotrexate reduces acute lung injury in a murine model of sepsis**  
Josep Bringué, Raquel Guillaumat-Prats, Eva Torrents, M<sup>a</sup> Luisa Martínez, Lluís Blanch, Antonio Artigas, Speaker to be confirmed

**Factors influencing mortality in ICU patients with suspected massive pulmonary embolism**  
Irfan Ucgun, Fatih Demircan, Nalan Demir, Hüseyin Yildirim, Sinan Erginel, Hakan Akgün, Speaker to be confirmed

**The ICU outcome of massive and submassive pulmonary embolism: A case series study**  
Begüm Ergan, Recai Ergün, Speaker to be confirmed

**Extracorporeal membrane oxygenation (ECMO) for near fatal asthma refractory to conventional ventilation**  
Usman Maqsood, Ali Fawzi, Nehal Patel, Speaker to be confirmed

**High flow nasal cannula in patients awaiting lung transplantation with acute respiratory failure exacerbations resulting from interstitial lung disease. Series of cases**

Alejandro Midley, Silvina Dell'Era, Marcos Las Heras, Ilona Bykhovsky, Emiliano Gognait, Sergio Giannasi, Eduardo San Román, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Epidemiological aspects of obstructive sleep apnoea**

Chairs :

**Comparison of positional and REM-related obstructive sleep apnea**

Fatih Üzer, Asli Bostanci Toptas, Ümmühan Okur, Ebru Dogrul, Selen Bozkurt, Murat Turhan, Aykut Cilli, Speaker to be confirmed

**Clinical differences in positional obstructive sleep apnea patients**

Jorge Jorquera, Gonzalo Labarca, Jorge Dreyse, Constanza Salas, Speaker to be confirmed

**The impact of gender on evaluation of polysomnographic data**

Elif Torun Parmaksiz, Banu Salepci, Nesrin Kiral, Ali Fidan, Gülten Aktin Güngör, Coskun Dogan, Sevda Cömert, Speaker to be confirmed

**Gender differences in obstructive sleep apnoea: Getting old or fat, what matters?**

Tiago Soares Oliveira e Sá, Ricardo Luiz Menezes Duarte, Flavio José Magalhães da Silveira, Speaker to be confirmed

**Gender differences in cardiorespiratory dynamics in the coexistence of OSA and COPD**

Renata Trimer, Ramona Cabiddu, Renata Gonçalves Mendes, Fernando Souza Melo Costa, Antonio Delfino Oliveira Junior, Audrey Borghi-Silva, Speaker to be confirmed

**Aging and its association with increased prevalence of obstructive sleep apnoea: A six-year experience in a Brazilian sleep center**

Ricardo Luiz De Menezes Duarte, Tiago Soares De Oliveira E Sá, Flavio José Magalhães da Silveira, Speaker to be confirmed

**Prevalence of acromegaly among patients referred for sleep apnea syndrome: ACROSAS study**

Louis-Marie Galerneau, Jean-Louis Pépin, Anne-Laure Borel, Olivier Chabre, Marc Sapene, Bruno Stach, Janie Girey-Rannaud, Renaud Tamisier, Philippe Caron, Speaker to be confirmed

**Obstructive sleep apnea in Ehlers-Danlos syndrome. A prospective case-control study**

Thomas Gaisl, Cecilia Giunta, Kate Sutherland, Daniel Bratton, Christian Schlatzer, Noriane Sievi, Daniel Franzen, Peter Cistulli, Marianne Rohrbach, Malcolm Kohler, Speaker to be confirmed

**Obstructive sleep apnea is a risk factor for osteoarthritis**

Asiye Kanbay, Oguz Kokturk, Aylin Pihtili, Erkan Ceylan, Selcan Tulu, Ercan Madenci, Handan Köseoglu, Johan Verbraecken, Speaker to be confirmed

**Obstructive sleep apnea and cancer- A nationwide epidemiological survey**

Thorarinn Gislason, Elias Freyr Gudmundsson, Speaker to be confirmed

**Sleep-disordered breathing and aggressiveness markers of cutaneous melanoma. A multicentric study**

Miguel Ángel Martínez García, Antonio Martorell, Eduardo Nagore, Jose Luis Rodriguez-Peralto, Manuel Sanchez de la torre, Luis Hernandez, Maria Josefa Diaz-Atauri, Eusebi Chiner, Josep Maria Montserrat, Ramón Farré, Francisco Campos-Rodriguez, Jorge Abad, Ferran Barbe, Olga Mediano, Valentin Cabriada, Jaime Corral, Irene Cano, Fernanda Troncoso, Ana Fortuna, Mónica de la Peña, Maria Somoza, Monica Gonzalez, Monica LLombart, Felix del Campo, Cristina Navarro, Maria Jose Selma, Gabriel Anguera, Alberto Garcia, Speaker to be confirmed

**Alzheimer's disease related amyloid beta release from human neuroblastoma cells in response to intermittent hypoxia**

Maria Jose Menal, Bryan Falcones, Gerard Piñol, Ramon Farre, Isaac Almendros, Speaker to be confirmed

**Autonomic arousals, sleep respiratory disorders and autonomic nervous system activity in neuromuscular diseases**

Grazia Crescimanno, Francesca Greco, Oreste Marrone, Speaker to be confirmed

**A randomized controlled trial of auto-titrating continuous positive airway pressure treatment for obstructive sleep apnoea after acute quadriplegia (COSAQ)**

David Berlowitz, The COSAQ Collaborative, Speaker to be confirmed

**Obstructive sleep apnea syndrome in obese patients before bariatric surgery: A prospective observational study**

Marion Dupuis, Sandrine Pontier, Pascal Debove, Elise Noel-Savina, Alain Didier, Speaker to be confirmed

**Sleep disordered breathing in morbidly obese patients prior to bariatric surgery - A retrospective analysis**

Christian Horvath, Juri Jossen, Anne-Kathrin Brill, Philipp Nett, Florent Baty, Sebastian Ott, Speaker to be confirmed

**Prevalence and diagnosis of obesity hypoventilation syndrome (OHS) in ambulatory obese patients**

Jean Christian Borel, Fabrice Guerber, Ingrid Jullian-Desayes, Marie Joyeux-Faure, Nathalie Arnol, Nellie Taleux, Renaud Tamisier, Jean Louis Pepin, Speaker to be confirmed

**Noninvasive ventilatin efficacy for obesity hypoventilation syndrome without severe sleep apnea**

Juan Fernando Masa Jiménez, M.-Ángeles Sáenz-Quiroga, Jaime Corral, Candela Caballero, Emilia Barrot, Joaquín Terán-Santos, María L. Alonso-Álvarez, Teresa Gomez-Garcia, Mónica González, Soledad López-Martinez, Pilar De Lucas, José M. Marin, Sergi Martí, Trinidad Díez-Cambriles, Eusebi Chiner, Carlos Egea, Erika Miranda, Babak Mokhlesi, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Pharmacological management of COPD**

Chairs :

**Effect of indacaterol/glycopyrronium (IND/GLY) vs salmeterol/fluticasone (SFC) on moderate or severe COPD exacerbations and lung function based on baseline blood eosinophil counts: Results from the FLAME study**

Kenneth R. Chapman, Claus F. Vogelmeier, Angel FowlerTaylor, Tim Ayers, Chau Thach, Anupama Shrinivasan, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

**Effect of different inhalation methods on the airway clearance in moderate and severe AECOPD**

Hongjing Lin, Xin Zhong, Zeyu Qin, Xueli Zhang, Jiahui Ma, Speaker to be confirmed

**Tiotropium in chronic obstructive pulmonary disease: Gender differences in outcomes**

Robert A. Wise, Antonio Anzueto, Achim Mueller, Norbert Metzdorf, Peter M.A. Calverley, Speaker to be confirmed

**Long term treatment with n-acetylcysteine reduces exacerbations in moderate chronic obstructive pulmonary disease**

Alberto Papi, Gerard Criner, Guy Brusselle, Peter Calverley, Jinping Zheng, Francesco Sergio, Paolo Morelli, Leonardo Fabbri, Nanshan Zhong, Speaker to be confirmed

**The healthcare burden of non-compliance to pharmacotherapeutic escalation recommendations for COPD**

Ruben Tavares, William Zhang, Tam Dang-Tan, Afisi Ismaila, Melissa Stutz, Natalie Coletta, Julie Vaillancourt, Daria Parsons, Xiwu Lin, Gilbert Nadeau, Alexander Simidchiev, John Sampalis, Speaker to be confirmed

**Reduction in clinically important deterioration in COPD with acclidinium/formoterol**

Dave Singh, Anthony D. D'Urzo, Ferran Chuecos, Anna Muñoz, Esther Garcia Gil, Speaker to be confirmed

**Identification of factors associated with exacerbation risk in severe COPD: Multivariate analysis of the WISDOM study**

Claus Vogelmeier, Leonardo M. Fabbri, Susan Bell, Kay Tetzlaff, Helgo Magnussen, Henrik Watz, Speaker to be confirmed

**Effect of low dose theophylline as adjunct in treatment of COPD**

Mrityunjaya Singh, Sudhir Kumar Agarwal, Manoj Meena, Shruti Singh, Speaker to be confirmed

**Long-term outcome following first clinically important deterioration in COPD**

Ian Naya, Lee Tombs, Hana Mullerova, Chris Compton, Paul Jones, Speaker to be confirmed

**Mepolizumab in COPD with eosinophilic bronchitis: A randomized clinical trial**

Angira Dasgupta, Melanie Kjarsgaard, Dante Capaldi, Katherine Radford, Fernando Aleman, Grace Parraga, Len Altman, Thomas Wight, Paul M. O'Byrne, Parameswaran Nair, Speaker to be confirmed

**Inhaled treatment of COPD: A delphi consensus statement**

Vincent Ninane, Jean-Louis Corhay, Paul Germonpré, Wim Janssens, Guy Joos, Giuseppe Liistro, Walter Vincken, An Lehouck, Speaker to be confirmed

**Rate of FEV<sub>1</sub> decline by FEV<sub>1</sub> percent predicted in UPLIFT® and TIOSPIR®**

Michael B. Drummond, Donald P. Tashkin, Antonio Anzueto, Christoph Hallmann, Achim Mueller, Norbert Metzendorf, Ulrika Hinkel, Robert A. Wise, Speaker to be confirmed

**Tolerability of different dosing regimens of roflumilast in severe COPD (OPTIMIZE)**

Henrik Watz, Nitin Bagul, Ken Nip, Rui Sun, Udo-Michael Goehring, Peter Calverley, Klaus Rabe, Speaker to be confirmed

**Benefit of FDC budesonide (BUD) and formoterol fumarate (FF) FDC delivered by a novel MDI co-suspension technology (BFF MDI), in patients (pts) with moderate-to-severe COPD**

Edward Kerwin, Thomas Siler, Samir Arora, Patrick Darken, Chad Orevillo, Earl St. Rose, Colin Reisner, Speaker to be confirmed

**Beneficial effect of the LAMA/LABA glycopyrronium (GP)/formoterol (FF) fixed-dose combination, delivered using a novel MDI co-suspension technology (GFF MDI), in COPD GOLD group A and B patients**

Leonardo Michele Fabbri, Fernando Martinez, Klaus F. Rabe, Roberto Rodriguez-Roisin, Gary T. Ferguson, Paul Jones, Stephen Rennard, Shahid Siddiqui, Chad Orevillo, Patrick Darken, Colin Reisner, Speaker to be confirmed

**Cardiovascular (CV) safety of indacaterol/glycopyrronium (IND/GLY) compared with salmeterol/fluticasone combination (SFC) in moderate-to-very severe COPD patients with prior exacerbations: The FLAME study**

Petter Olsson, Nicolas Roche, Jørgen Vestbo, Angel FowlerTaylor, Tim Ayers, Chau Thach, Karyn Clerkin, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

**Treatment effect of umeclidinium/vilanterol and tiotropium on SGRQ sub-domains**

John Riley, Lee Tombs, Mitra Vahdati-Bolouri, Margaret Tabberer, Paul Jones, Speaker to be confirmed

**Drug particle size and lung deposition in COPD**

Martyn Biddiscombe, Sally Meah, Peter Barnes, Omar Usmani, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Human exposure response including physiological and biomarker outcomes****Chairs :****Metabolic biomarker validation and clinomics of World Trade Center-Lung injury**

Sophia Kwon, Syed H. Haider, Erin J. Caraher, Theresa Schwartz, David J. Prezant, Anna Nolan, Speaker to be confirmed

**Inhaled diesel exhaust alters allergen-induced bronchial secretome in humans**

Neeloffer Mookherjee, Peyman Ezzati, Victor Spicer, Christopher Rider, Jeremy Hirota, Chris Carlsten, Speaker to be confirmed

**Airway inflammatory response following exposure to 100% RME biodiesel in healthy subjects**

Jon Unosson, Greg Rankin, Jamshid Pourazar, Annelie Behndig, Ala Muala, Maria Sehlstedt, Jeremy Langrish, Anders Blomberg, Thomas Sandström, Jenny Bosson, Speaker to be confirmed

**Lipid composition of particles in exhaled air (PE<sub>x</sub>) from workers exposed to welding fumes**

Göran Ljungkvist, Emilia Viklund, Fabian Taube, Jeong-Lim Kim, Niklas Forsgard, Anna-Carin Olin, Speaker to be confirmed

**Elevated markers of lipid oxidative damage among workers exposed to engineered TiO<sub>2</sub> nanoparticles**

Daniela Pelclová, Vladimír Zdímal, Petr Kacer, Tomas Navratil, Zdenka Fenclova, Stepanka Vlckova, Martin Komarc, Sergey Zakharov, Speaker to be confirmed

**Lung asbestos content in patients with lung cancer in different Spanish regions. The AMCANES study**

M<sup>a</sup> Jesus Cruz Carmona, Daniel Alvarez-Simón, Roser Costa, Annie Navarro, Ane Uranga, Isabel Urrutia, María Encarnación Barroso, Belén María Martínez, Jaime Ferrer, Speaker to be confirmed

**A polypeptide of the megakaryocyte potentiating factor is a potential biomarker in plasma for the detection of mesothelioma**

Hans Peter Rihs, Irina Raiko, Jan Gleichenhagen, Ingrid Sander, Jens Kollmeier, Thomas Brüning, Georg Johnen, Speaker to be confirmed

**Risk of rheumatoid arthritis in a cohort of silica-exposed Swedish foundry workers**

Paul Blanc, Lena Andersson, Ing-Liss Bryngelsson, Speaker to be confirmed

**Farmers beware of the storage mites**

Grethe Elholm, Vivi Schlü nssen, Gert Doekes, Ø yvind Omland, Pernille Milvang Grø nager, Torben Sigsgaard, Speaker to be confirmed

**Occupational endotoxin exposure dose-dependently protects against atopy and hay fever: Results of a longitudinal study**

Annejet Spiereburg, Lidwien Smit, Patricia Robbe, Esmeralda Krop, Dick Heederik, Machteld Hylkema, Inge Wouters, Speaker to be confirmed

**Sensitisation to mouse allergens in contemporary laboratory animal workers: The SPIRAL study**

Johanna Feary, Bernadette Fitzgerald, Susie Schofield, Meinir Jones, Paul Cullinan, Speaker to be confirmed

**Airway inflammatory profile among cleaning workers from different workplaces**

Soraia Nogueira Felix, Monise Demattê Avona, Bruna Gabryela Busoletto dos Santos, Ediné ia Rosa da Paz, Francine Maria de Almeida, Isabella Santos de Genaro, Cynthia Mafra Fonseca de Lima, Cló vis Eduardo Santos Galvã o, Maria Lú cia Bueno Garcia, Milton de Arruda Martins, Beatriz Manguera Saraiva Romanholo, Speaker to be confirmed

**Different changes in plasma concentrations of cytokines and chemokines in patients with COPD associated with smoking and occupational exposures**

Anatoli Tahanovich, Aliaksei Kadushkin, Speaker to be confirmed

**Exposure to birch pollen and ozone and the fraction of exhaled nitrogen oxide (FENO)**

Susanna Lohman, Hanne Krage Carlsen, Anna-Carin Olin, Speaker to be confirmed

**Occupational chronic obstructive pulmonary disease attributed to chemicals exposure: Clinical characteristics and inflammatory serum profile**

Shpagina Lyubov, Olga Kotova, Ilya Shpagin, Oksana Gerasimenko, Speaker to be confirmed

**The Minasarc study: A case-control study measuring mineral exposome in sarcoidosis**

Vincent Michel, Cavalin Catherine, Catinon Mikael, Chemarin Cé cile, Rio Stephane, Roux Elisabeth, Pecquet Mathieu, Blanchet Anne-Sophie, Vuillermoz Sylvie, Natalizio Audrey, Pison Christophe, Arbib Franç ois, Bonneterre Vincent, Valeyre Dominique, Freynet Olivia, Mornex Jean-Francois, Freymond Nathalie, Pacheco Yves, Thivolet Françoise, Kambouchner Marianne, Bernaudin Jean-Francois, Rosental Paul-andré , Speaker to be confirmed

**Air pollution exposure is associated with restrictive rather than obstructive ventilatory patterns**

Kim de Jong, Judith Vonk, Wilma Zijlema, Ronald Stolk, Diana van der Plaats, Cleo van Diemen, Gerard Hoek, Bert Brunekreef, Dirkje Postma, Marika Boezen, Speaker to be confirmed

**Influence of fine particulate matter from household emissions on selected respiratory and cardiovascular diseases – Initial results**

Artur Badyda, Andrzej Chcialowski, Piotr Dabrowiecki, Adam Stanczyk, Anna Gayer, Dominika Mucha, Lukasz Adamkiewicz, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Advancing lung function testing in childhood respiratory and sleep disease**

Chairs :

**N<sub>2</sub>-MBW in comparison to spirometry in children after lung transplantation**

Sylvia Nyilas, Christian Dopfer, Mareike Price, Julia Carlens, Carsten Mü ller, Gesine Hansen, Philipp Latzin, Nicolaus Schwerk, Speaker to be confirmed

**Peripheral airway function over time in children post bone marrow transplantation**

Rathnini Jayasuriya, Greg King, Hiran Selvadurai, Melissa Gabriel, Per Gustaffson, Kate Hardaker, Brendan Kennedy, Steven Keogh, Ida Twist, Peter Shaw, Paul Robinson, Speaker to be confirmed

**Long term pulmonary outcome after mild to severe bronchopulmonary dysplasia**

Petra Um-Bergströ m, Jenny Hallberg, Per Thunqvist, Eva Berggren-Brostrom, Martin Anderson, Gunilla Adenfelt, Gunnar Lilja, Giovanni Ferrara, Magnus Skold, Erik Melé n, Speaker to be confirmed

**Dysphonia contributes to respiratory symptoms in very preterm children**

Shannon Simpson, Zoe Champion, Graham Hall, Noel French, Victoria Reynolds, Speaker to be confirmed

**Scond may better discriminate severe therapy resistant asthma (STRA) from mild-moderate asthma than lung clearance index (LCI)**

Samantha Irving, Louise Fleming, Sejal Saglani, Andrew Bush, Speaker to be confirmed

**Single-breath washout and association with structural lung changes in children with cystic fibrosis**

Sophie Yammine, Kathryn A. Ramsey, Billy Skoric, Philipp Latzin, Graham L. Hall, Louise King, Sarath Ranganathan, AREST CF, Speaker to be confirmed

**Effect of tissue nitrogen excretion on multiple breath washout measurements**

Mica Kane, Sanja Stanojevic, Renee Jensen, Felix Ratjen, Speaker to be confirmed

**New reference values for N<sub>2</sub> multiple breath washout outcomes in pre-school and school-aged children**

Pinelopi Anagnostopoulou, Renee Jensen, Nadja Kranz, Sophie Yammine, Philipp Latzin, Felix Ratjen, Speaker to be confirmed

**Leptin levels can reflect exercise capacity in overweight children**

Kiriaki Tsiroikidou, Maria Papagianni, Elpida Hatzigorou, Asterios Kampouras, Kalliopi Kontouli, Konstantina Kosta, John Tsanakas, Speaker to be confirmed

**Metabolic biomarkers in obese community-dwelling children: NANOS study**

Maria Luz Alonso Alvarez, Joaquin Terá n-Santos, Jose Cordero-Guevara, Mónica Gonzalez-Martinez, María Jose Jurado-Luque, Jaime Corral-Peña, Rafael, Joaquin Duran-Cantolla, Juan Fernando Masa-Jimenez, Leila Kheirandish-Gozal, David Gozal, Speaker to be confirmed

**Sniff nasal inspiratory pressure and peak cough flow in children with ataxia telangiectasia**

Joyce Tan, Andrew Prayle, Sarah Spencer, Nicola McNarry, Bush Andrew, Jayesh M. Bhatt, Speaker to be confirmed

**Lung growth in children and young adults with primary ciliary dyskinesia (PCD): An iPCD cohort study**

Florian Halbeisen, Myrofora Goutaki, Elisabeth Maurer, Carmen Casaulta, Suzanne Crowley, Eric Haarman, Jane Lucas, Lucy Morgan, Kim Nielsen, Francesca Santamaria, Nico Schwerk, Guillaume Thouvenin, Panayiotis Yiallourous, Zorica Zivkovic, Alban Ramette, Philipp Latzin, Claudia Kuehni, Speaker to be confirmed

**Sleep disordered breathing in children with primary ciliary dyskinesia (PCD)**

Eleonora Dehlink, Chris Grime, Prasad Nagakumar, Vivien Mak, Andy Bush, Mark Rosenthal, Claire Hogg, Siobhán B. Carr, Hui-Leng Tan, Speaker to be confirmed

**Screening for sleep disordered breathing (SDB) with paediatric sleep questionnaire (PSQ) in children with underlying conditions**

Rishi Pabary, Doxa Kotzia, Christophe Goubau, Kylie Russo, Martin Samuels, Speaker to be confirmed

**Prediction of treatment outcome in pediatric OSA: Physical examination versus functional respiratory imaging**

Monique Slaats, Cedric Van Holsbeke, Wim Vos, Dieter Loterman, Jan De Backer, An Boudewyns, Wilfried De Backer, Stijn Verhulst, Speaker to be confirmed

**Sleep-disordered breathing in children with current wheezing and allergic rhinoconjunctivitis**

Ersay Civelek, Yasemin Gö kdemir, Banu Cakir, Ahmet Demir, Can Kocabas, Bü lent Karadag, Fazilet Karakoc, Refika Ersu, Speaker to be confirmed

**Prevalence and complications of OSA: A study among school children of India**

Abhishek Goyal, Girish Bhatt, Abhijit Pakhare, Speaker to be confirmed

**Adenotonsillectomy for obstructive sleep-disordered breathing in childhood: The Chania community oximetry-based study**

Theognosia S. Chimona, Konstantinos Chaidas, Panagiota Asimakopoulou, Alexandros Ladias, Efklidis K. Proimos, Chariton E. Papadakis, Athanasios G. Kaditis, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Paediatric asthma: lessons learned from large numbers or multi-center drug studies****Chairs :****Intravenous theophylline levels in children with acute asthma: A systematic review**

Lewis Cooney, Daniel Hawcutt, Ian Sinha, Speaker to be confirmed

**Safety of tiotropium in pre-school children with symptomatic persistent asthma**

Hans Bisgaard, Mark Vandewalker, LeRoy Graham, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Sebastian D. Vulcu, Helen Finnigan, Elianne J.L.E. Vrijlandt, Speaker to be confirmed

**Pharmacokinetics of tiotropium in asthma patients from three paediatric clinical trials**

Ashish Sharma, Marion Schmid, Barbara Rapp, Petra Moroni-Zentgraf, Michael Engel, Speaker to be confirmed

**Montelukast for toddler asthma? A meta-analysis of montelukast in preschool wheeze**

Hasan Hussein, Atul Gupta, Simon Broughton, Gary Ruiz, Nicola Brathwaite, Cara Bossley, Speaker to be confirmed

**Childhood obesity in relation to poor asthma control and exacerbations**

Fariba Ahmadizar, Susanne Vijverberg, Hubertus Arets, Anthonius de Boer, Jason Lang, Meyer Kattan, Colin Palmer, Somnath Mukhopadhyay, Steve Turner, Anke Hilse Maitland-Van der Zee, Speaker to be confirmed

**Diet quality and asthma in Peruvian children and adolescents**

Carla E. Tarazona-Meza, Karina M. Romero - Rivero, Suzanne L. Pollard, Rocio Galvez - Davila, Carlos E . Rojas, Corrine Hanson, William Checkley, Nadia N. Hansel, Speaker to be confirmed

**Bronchial reactivity and asthma over adolescence**

Abid Raza, Vereesh Patil, Graham Roberts, Susan Ewart, Wilfried Karmaus, Hongmei Zhang, Ramesh Kurukulaaratchy, Hasan Arshad, Speaker to be confirmed

**Phenotypes of airway diseases in preschool children**

Rita Amaral, Ana Pereira, Má rio Morais-Almeida, João Fonseca, Speaker to be confirmed

**Early predictors of quiescent asthma in late childhood**

Mohammad Al Sallakh, Sarah Rodgers, Aziz Sheikh, Ronan Lyons, Gwyneth Davies, Speaker to be confirmed

**Phenotypes of asthma in mothers have an influence on asthma phenotypes in children**

Liudmila Zhelenina, Maryia Vakharlovskaya, Anna Galustyan, Olga Lavrova, Tatiyana Ivashchenko, Maryia Kuropatenko, Speaker to be confirmed

**Early life risk factors for asthma outcomes in a cohort of young adults**

Elisha White, Nicholas DeKlerk, Elysia Hollams, Graham Hall, Speaker to be confirmed

**Asthma after bronchiolitis: Five years of follow-up**

Antonella Frassanito, Raffaella Nenna, Giulia Cangiano, Carolina Scagnolari, Laura Petrarca, Isabella Calicchia, Teresa Arcuri, Rosa Tuccinardi, Stefania Sirianni, Fabrizio Scalercio, Fabio Midulla, Speaker to be confirmed

**Prevalence and relationship of hypomagnesemia with children bronchial asthma control**

Olga Magnitskaya, Ivan Shishimorov, Vladimir Petrov, Aleksey Perminov, Igor Nefedov, Speaker to be confirmed

**Asthma phenotypes in low income children: A cluster analysis**

Andrey Sousa, Anna Cabral, Milton Martins, Felipe Mendes, Celso Carvalho, Speaker to be confirmed

**Density of truck traffic on residential streets and the impact on asthma and asthma-like symptoms in childhood**

Tara Ristevska, Emilija Vlashki, Valentina Cvejaska Colakovska, Milica Kimovska, Vesna Micevska, Joshua Lawson, Speaker to be confirmed

**Childhood phenotypic origins and characterisation of wheezing at 18-years**

Claire Hodgekiss, S. Hasan Arshad, Graham Roberts, Maria Larsson, Ramesh Kurukulaaratchy, Speaker to be confirmed

**FeNO-guided management of asthma during pregnancy reduces respiratory symptoms and asthma diagnosis in childhood**

Matthew Morten, Adam Collison, Joseph Meredith, Vanessa Murphy, Paul Robinson, Peter Gibson, Joerg Mattes, Speaker to be confirmed

**Is there an association between asthma in childhood and academic performance? - A sibling design study**

Cecilia Lundholm, Henrik Larsson, Brian D' Onofrio, Catarina Almqvist, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Best abstracts in asthma**

Chairs :

**08:30** **The experiences of a rapid access respiratory clinic in Northern Ireland**  
Diarmuid McNicholl, Royanne Dickson, Elaine Mulligan, Claire Creaney, Liam Polley, David Rodgers, Speaker to be confirmed

- 08:45 Dupilumab improves patient-reported outcomes in chronic sinusitis with nasal polyps patients with comorbid asthma: Results from a phase 2a trial**  
Claus Bachert, Peter Hellings, Joaquim Mullol, Daniel Hamilos, Robert Naclerio, Vijay N. Joish, Leda Mannent, Robert E. Evans, Annette Grabher, Adeline Abbe, Caroline Amand, Christine Taniou, Donghui Zhang, Chunpeng Fan, Gianluca Pirozzi, Neil Graham, Vera Mastey, Puneet Mahajan, Heribert Staudinger, Laurent Eckert, Asif Khan, Speaker to be confirmed
- 09:00 Chronic cough in primary Sjogren's syndrome**  
Gonca Dogru, Ayse Balkarli, Speaker to be confirmed
- 09:15 Asthma-COPD overlap syndrome (ACOS) versus <sup>2</sup>pure<sup>2</sup> COPD: A distinct phenotype?**  
Denis Caillaud, Pascal Chanez, Roger Escamilla, Pierre-Régis Burgel, Isabelle Court-Fortune, Pascale Nesme-Meyer, Gaetan Deslee, Thierry Perez, Jean-Louis Paillasseur, Christophe Pinet, Gilles Jebrak, Nicolas Roche, Speaker to be confirmed
- 09:30 Incidence and severity of acute exacerbations among women enrolled in an asthma management program during pregnancy: A prospective study of 1.283 pregnancies**  
Zarqa Ali, Charlotte Suppli Ulrik, Speaker to be confirmed
- 09:45 Accelerated decline in FEV1 in non- smoking subjects with chronic HCV infection**  
Sara Ramponi, Laura Balzarini, Chiara Mancini, Maurizio Marvisi, Speaker to be confirmed
- 10:00 Asthma and COPD in patients with coronary artery disease - The unmet demands**  
Marta Kolacinska-Flont, Jaroslaw Drozd, Marzenna Zielinska, Izabela Kuprys-Lipinska, Piotr Kuna, Speaker to be confirmed

08:30 - 10:30

### Oral Presentation: Best abstracts in pulmonary rehabilitation and chronic care (sponsored by INVACARE)

**Aims :** 5 first presented abstracts are in competition and the outcome results will be presented at the end of the session.

**Chairs :**

- 08:30 Skeletal muscle function and structure in patients with non-cystic fibrosis bronchiectasis**  
Ana Balañá, Juana Martí nez-Llorens, Diego Agustin Rodríguez, Mireia Admetlló, Anna Salazar, Pilar Ausin, Esther Barreiro, Joaquin Gea, Speaker to be confirmed
- 08:45 Physiological effects of nutritional supplementation as adjunct to exercise training in COPD patients with low muscle mass. The double blind, placebo controlled multi-centre NUTRAIN-trial**  
Coby Van de Bool, Erica Rutten, Ardy van Helvoort, Frits Franssen, Emiel Wouters, Annemie Schols, Speaker to be confirmed
- 09:00 Exercise training improves peak oxygen consumption and hemodynamics in patients with pulmonary hypertension – A prospective, randomized, controlled trial**  
Nicola Benjamin, Hans Klose, Mona Lichtblauf, Johannes Weidenhammer, Christine Fischer, Robert Nechwatal, Sören Uiker, Michael Halank, Karen Olsson, Werner Seeger, Henning Gall, Stephan Rosenkranz, Heinrike Wilkens, Dirk Mertens, Hans-Jürgen Seyfarth, Christian Opitz, Silvia Ulrich, Benjamin Egenlauf, Ekkehard Grünig, Speaker to be confirmed
- 09:15 Home telerehabilitation maintenance program for patients affected by COPD and CHF**  
Mara Paneroni, Simonetta Scalvini, Palmira Bernocchi, Tiziana Galli, Dorian Baratti, Maria Teresa La Rovere, Maurizio Volterrani, Michele Vitacca, Speaker to be confirmed
- 09:30 Minimal versus specialist equipment for the delivery of pulmonary rehabilitation in COPD**  
Melanie Palmer, Sarah Jones, Claire Nolan, Jane Canavan, Alex Labey, Matthew Maddocks, Samantha Kon, William Man, Speaker to be confirmed
- 09:45 Early diaphragm pacing to delay non-invasive ventilation in patients with amyotrophic lateral sclerosis (RespiStimALS): A multicenter, triple-blind, randomized controlled trial**  
Jesus Gonzalez Bermejo, Capucine Morelot-Panzini, Tanguy Marie Laure, Vincent Meininger, Philippe Couratier, Nathalie Guy, Claude Desnuelle, Hélène Prigent, Christophe Perrin, Valérie Attali, Nierat Marie-Cecile, Francois Salachas, Thomas Similowski, Speaker to be confirmed
- 10:00 Sarcopenia and associated factors in older adults with COPD: Results from the SABE-Bogota cohort study**  
Carlos Andrés Celis Preciado, Miguel Borda, Mario Pérez-Cepeda, Carlos Cano, Speaker to be confirmed



08:30 - 10:30

**Oral Presentation: The clinic of pulmonary hypertension**

Chairs :

- 08:30**      **Diffusion capacity as predictor for survival in patients with pulmonary hypertension due to heart failure with preserved ejection fraction**  
Karen Olsson, Katrin Meyer, Jessica Rademacher, Jan Fuge, Tobias Welte, Marius Hoepfer, Speaker to be confirmed
- 
- 08:45**      **Illicit drug use and pulmonary arterial hypertension: Not so frequent**  
Anne Roche, Marie Camille Chaumais, Swanny Perrin, Xavier Jaïs, Laurent Savale, Philippe Camus, Nicolas Favrolt, Julie Traclat, Vincent Cottin, Olivier Sitbon, Gerald Simmoneau, Marc Humbert, Philippe Bonniaud, David Montani, Speaker to be confirmed
- 
- 09:00**      **Changes in red blood cell membrane structure in pulmonary arterial hypertension**  
Alice Huertas, Ly Tu, Raphael Thuillet, Carole Phan, Jennifer Bordenave, Morane Le Hiress, Roland Jovan, Florence Parent, Gérald Simonneau, David Montani, Marc Humbert, Christophe Guignabert, Speaker to be confirmed
- 
- 09:15**      **Pulmonary hypertension complicating fibrosing mediastinitis**  
Andrei Seferian, Alexandru Steriade, Xavier Jaïs, Olivier Planché, Laurent Savale, Florence Parent, David Amar, Roland Jovan, Elie Fadel, Olivier Sitbon, Gérald Simonneau, Marc Humbert, David Montani, Speaker to be confirmed
- 
- 09:30**      **Dasatinib induces lung vascular toxicity and predisposes to pulmonary hypertension**  
Carole Phan, Andrei Seferian, Alice Huertas, Ly Tu, Raphael Thuillet, Caroline Sattler, Morane Le Hiress, Yuichi Tamura, Etienne-Marie Jutant, Marie-Camille Chaumais, Stéphane Bouchet, Benjamin Manéglia, Mathieu Molimard, Philippe Rousselot, Olivier Sitbon, Gérald Simonneau, David Montani, Marc Humbert, Christophe Guignabert, Speaker to be confirmed
- 
- 09:45**      **RESPITE: Riociguat in pulmonary arterial hypertension patients with an inadequate response to phosphodiesterase type 5 inhibitors**  
Marius M. Hoepfer, Paul A. Corris, James R. Klinger, David Langleben, Robert Naeije, Gérald Simonneau, Raymond L. Benza, Speaker to be confirmed
- 
- 10:00**      **Hyperoxia enhances exercise performance in PAH and CTEPH: Randomized trial**  
Silvia Ulrich, Elisabeth Hasler, Stéphanie Saxer, Michael Furian, Séverine Müller-Mottet, Stephan Keusch, Konrad Bloch, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: The origins of infant pulmonary disease: early pointers to identifying infants at risk and means to improving their care**

Chairs :

- 08:30**      **A randomized trial of oropharyngeal airways to assist stabilization of preterm infants in the delivery room (DR)**  
C. Omar Kamlin, Georg Schmoelzer, Jennifer Dawson, Lorraine McGrory, Joyce O'Shea, Peter Davis, Speaker to be confirmed
- 
- 08:45**      **Exhaled breath condensate: Measuring inflammation and oxidative stress in preterm infants**  
Rhea Urs, Shannon Simpson, Jane Pillow, Graham Hall, Michael Clarke, Speaker to be confirmed
- 
- 09:00**      **Plasma pro-endothelin-1 and pro-atrial natriuretic peptide are associated with bronchopulmonary dysplasia in very preterm infants**  
Roland Neumann, Roland Gerull, Mathias Nelle, Sven Schulzke, Sven Wellmann, Speaker to be confirmed
- 
- 09:15**      **The role of monocyte derived growth factors in BPD development**  
Esther van Mastrigt, Irwin Reiss, Johan de Jongste, Caroline Cheng, Chris van Dijk, Janneke Samsom, Heleen Kool, Robbert Rottier, Rudi Hendriks, Marielle Pijnenburg, Ismé de Kleer, Speaker to be confirmed
- 
- 09:30**      **Impact of mouth leak on oropharyngeal gas conditioning during neonatal CPAP: A bench study**  
Hendrik Fischer, Tim Ullrich, Christoph Bührer, Christoph Czernik, Gerd Schmalisch, Speaker to be confirmed
- 
- 09:45**      **Postnatal corticosteroids and lung function at school age in very prematurely born infants**  
Christopher Harris, Sanja Zivanovic, Mireia Alcazar-Paris, Jessica Lo, Alan Lunt, Neil Marlow, Sandra Calvert, Janet Peacock, Anne Greenough, Speaker to be confirmed

- 10:00 Mechanical ventilation in children with life-limiting conditions**  
Mirella Gaboli, Isabel Delgado Pecellín, Marcos Madruga Garrido, Eduardo Quiroga Cantero, Carmen Cabrera Carro, Luis Manuel Reyes Rodriguez, Juan Pedro González Valencia, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: The best has yet to come in lung function**

Chairs :

- 08:30 Predicting mortality in idiopathic pulmonary fibrosis. Which parameters should be used to determine eligibility for treatment? Analysis of a UK prospective cohort**  
Amy Taylor Gonzalez, Toby Maher, Speaker to be confirmed
- 08:45 Comparison of the intrabreath with the single breath technique for the measurement of the carbon monoxide transfer in health subjects**  
Mieke Cruisen, Sander Pagen, Ivo Geijselaers, Ludo van Etten, Selma de Nijs, Speaker to be confirmed
- 09:00 Global lung function initiative: Reference equations for the transfer factor for carbon monoxide (TLCO)**  
Sanja Stanojevic, Brian Grham, Brendan Cooper, Bruce Thompson, Kim Carter, Graham Hall, Speaker to be confirmed
- 09:15 Longitudinal monitoring of disease progression in children with mild CF using hyperpolarised gas MRI and LCI**  
Laurie Smith, Ina Aldag, Paul Hughes, Felix Horn, Helen Marshall, Graham Norquay, Guilhem Collier, David Hughes, Chris Taylor, Alex Horsley, Jim Wild, Speaker to be confirmed
- 09:30 Simultaneous SF<sub>6</sub> and N<sub>2</sub> gas multiple breath washout (MBW); understanding the difference between test gases**  
Katie Bayfield, Eric Alton, Samatha Irving, Andrew Bush, Alexander Horsley, Jane Davies, Speaker to be confirmed
- 09:45 Spirometry biological controls: The scientist who cried wolf**  
Maureen P. Swanney, Josh D. Stanton, Speaker to be confirmed
- 10:00 Is there a direct effect of physical activity on lung function gain in adolescents? The 1993 Pelotas (Brazil) birth cohort**  
Fernando C. Wehrmeister, Bruna C.G. Silva, Rogelio Perez-Padilla, Helen Gonçalves, Bernardo L. Horta, Pedro C. Hallal, Fernando C. Barros, Ana M.B. Menezes, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Respiratory nursing research: opening new perspectives on the patient experience**

Chairs :

- 08:30 A randomised controlled trial of cognitive behavioural therapy (CBT) delivered by respiratory nurses to reduce anxiety in chronic obstructive pulmonary disease (COPD). (Trial registration - ISRCTN55206395)**  
Karen Heslop, Chris Stenton, Julia Newton, Debbie Carrick-Sen, Christine Baker, Burns Graham, Anthony De Souza, Speaker to be confirmed
- 08:45 Effectiveness of a new nursing intervention for primary care COPD patients**  
Saskia Weldam, Marieke Schuurmans, Pieter Zanen, Alfred Sachs, Monique Heijmans, Jan-Willem Lammers, Speaker to be confirmed
- 09:00 The lived experience of idiopathic pulmonary fibrosis: A qualitative study**  
Dorthe Overgaard, Gudrun Kaldan, Kristoffer Marsaa, Thyge Lynghøj Nielsen, Saher Burkan Shaker, Ingrid Egerod, Speaker to be confirmed
- 09:15 Girls with asthma have worse health related quality of life than boys - A population based study**  
Caroline Stridsman, Helena Backman, Britt-Marie Eklund, Eva Rönnmark, Linnea Hedman, Speaker to be confirmed
- 09:30 Preferences for death and dying in patients with COPD**  
Carmen Houben, Martijn Spruit, Emiel Wouters, Herman-Jan Pennings, Jacques Creemers, Geertjan Wesseling, Vivian Kampen-van den Boogaart, Daisy Janssen, Speaker to be confirmed
- 09:45 Nursing challenges in relieving dyspnoea experienced by patients with COPD during hospitalization**  
Maria Omel Jellington, Erik Elgaard Sørensen, Dorthe Overgaard, Speaker to be confirmed

- 10:00 Differences in proxy-reported and patient-reported outcomes: Assessing problematic activities of daily life in patients with COPD**  
Nienke Nakken, D.J.A. Janssen, E.H.A. van den Bogaart, M. van Vliet, G.J. de Vries, G.P. Bootsma, M.H.M. Gronenschild, J.M.L. Delbressine, J.W.M. Muris, E.F.M. Wouters, M.A. Spruit, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Clinical update on bronchiectasis**

Chairs :

- 08:30 Management of bronchiectasis in Europe: Data from the European bronchiectasis registry (EMBARC)**  
Charles S. Haworth, Chris Johnson, Stefano Aliberti, Pieter C. Goeminne, Felix Ringhausen, Wim Boersma, Anthony De Soyza, Marlene Murris, Eva Polverino, Montserrat Vendrell, James D. Chalmers, Speaker to be confirmed
- 08:45 Multidimensional severity assessment in bronchiectasis - An analysis of 7 European cohorts**  
Melissa McDonnell, Aliberti Stefano, Pieter Goeminne, Katerina Dimakou, Stefano Zuchetti, John Davison, Chris Ward, John Laffey, Simon Finch, Alberto Pesci, Lieven Supont, Thomas Fardon, Dusan Skrbic, Dusanka Obradovic, Robert Rutherford, Anthony De Soyza, James Chalmers, Speaker to be confirmed
- 09:00 International validation of FACED score in 672 patients with non-cystic fibrosis bronchiectasis**  
Miguel Ángel Martínez García, R.A. Athanazio, G. Grambicka, M. Corso, F.L. Cavalcanti-Lundgren, M.R. Fernandes de Figueiredo, F. Arancibia, Speaker to be confirmed
- 09:15 Long term prognosis of non-cystic fibrosis bronchiectasis**  
Amparo Sanz Cabrera, Jacinto Hernandez Borge, Maria del Carmen Garcia Garcia, Maria Jose Antona Rodriguez, Isabel Asschert Aguero, Pedro Pires Goncalvez, Estefanía Molina Ortiz, Ana Castañar Jover, Francisca Lourdes Marquez Perez, Speaker to be confirmed
- 09:30 BRICS- a simple radiological scoring in bronchiectasis**  
Pallavi Bedi, James Chalmers, Pira Sarvanamuthu, Adriano Rossi, Adam Hill, Speaker to be confirmed
- 09:45 Changes of computed tomography features of bronchiectasis during one year of azithromycin treatment**  
Josje Altenburg, Rienhart Wolf, Shirley Go, Philip van Rijn, Wim Boersma, Tjip van der Werf, Speaker to be confirmed
- 10:00 Pneumonic vs. non-pneumonic exacerbations in bronchiectasis**  
Edmundo Rosales Mayor, Rosario Menendez, Victoria Alcaraz-Serrano, Emilio Ansotegui Barrera, Beatriz Montull Veiga, Rosa Maria Girón, Carolina Cisneros, Montserrat Vendrell, Gerard Muñoz, María Angeles Marcos, Antoni Torres, Eva Polverino, Speaker to be confirmed

10:45 - 12:45

**Symposium: New insights into the genetics of asthma**

**Aims :** Many genome wide studies (GWS) have shown that various genetic polymorphisms influence asthma development. In particular, the risk of asthma seems to be modified by mutations that shape the acquisition of (or susceptibility to) respiratory infections; these mutations also interact with early life environmental factors and other unknown risk factors to modulate asthma risk. The first aim of this session is to give an overview of the basic techniques and results of the GWS on asthma. The second aim is to describe the implications of these results for clinicians, and how and whether this information can be translated into clinical practice. The third aim is to discuss the possible implications of pharmacogenetics in asthma research for future asthma therapy.

**Track(s) :** Epidemiology / Environment**Tag(s) :** Translational**Chairs :** Angela Zacharasiewicz (Vienna, Austria), Torben Sigsgaard (Aarhus, Denmark)

- 10:45 The genetics of asthma**  
Miriam Moffatt (London, United Kingdom)
- 11:15 The early life origins of asthma**  
Speaker to be confirmed
- 11:45 The exposome and the evolution of asthma across the life course**  
Speaker to be confirmed
- 12:15 Pharmacogenetics in asthma**  
Eugene R. Blecker (Winston-Salem, United States of America)

10:45 - 12:45

**Symposium: Telemonitoring of ventilator-dependent patients**

## Looking into the future

**Aims :** Home-mechanical ventilation requires patient and family cooperation. However, the clinical conditions, the need for technology, the lack of professional supervision, and acute exacerbations of the underlying disease can make management of home-mechanical ventilation a difficult task. Telemonitoring may help to improve the care of home-mechanically-ventilated patients. This symposium will describe the potential usefulness of telemonitoring in various settings.

**Track(s) :** Intensive care**Tag(s) :** Clinical**Chairs :** Michael Dreher (Aachen, Germany), Nicholas S. Hill (Providence, United States of America)

**10:45**      **Telemonitoring in patients with amyotrophic lateralsclerosis and home-mechanical ventilation**  
Susana Pinto (Lisbon, Portugal)

**11:15**      **Tele-rehabilitation for home-mechanically ventilated patients**  
João Carlos Winck (Vila Nova de Gaia, Portugal)

**11:45**      **Telemonitoring to prevent exacerbations in patients with COPD and home-mechanical ventilation: a useful tool?**  
Jean Christian Borel (Meylan, France)

**12:15**      **ERS consensus report on telemonitoring of ventilator-dependent patients**  
Nicolino Ambrosino (Volterra, Italy)

10:45 - 12:45

**Symposium: New statement on pulmonary rehabilitation**

**Aims :** The main aim of this session is to describe the key developments in pulmonary rehabilitation since the 2013 ATS/ERS Statement on Pulmonary Rehabilitation.

**Tag(s) :** Clinical**Chairs :** Daniel Langer (Leuven, Belgium), Enrico Maria Clini (Pavullo, Italy)

**10:45**      **Pulmonary rehabilitation: a summary of the 2016 ATS/ERS Policy Statement**  
Carolyn Rochester (New Haven, United States of America)

**11:15**      **How to assess the efficacy of pulmonary rehabilitation?**  
Martijn A. Spruit (Horn, Netherlands)

**11:45**      **Pulmonary rehabilitation in non-COPD: it is time to start referring!**  
Chris Burtin (Diepenbeek, Belgium)

**12:15**      **Pulmonary rehabilitation: home alone?**  
Takanobu Shioya (Akita, Japan)

10:45 - 12:45

**Symposium: ERS and tuberculosis**

## 2016 highlights (followed by WHO/ERS Document ceremony)

**Aims :** This symposium will highlight some of the core achievement in Tuberculosis prevention and control. The focus will be on tuberculosis projects which involved ERS.

Specific objectives are to inform the audience about the new ATS guidelines (which had been developed in collaboration with ERS) and the requisite that new treatment regimens for TB need to have (Target Product Profiles-TPPs- as developed by WHO). During the session the new WHO document on new anti-TB regimens TPPs will be officially launched. Furthermore, the results of the WHO LTBI implementation plan and of the WHO/ERS digital health projects will be presented.

**Track(s) :** Infection

**Target audience :** Allied health professional, Clinician, Epidemiologist, General practitioner, Fellow, Junior member, Microbiologist, Nurse, Paediatrician, Patient, Public health official, Pulmonologist, Trainee, TB specialist, Scientist, Respiratory physician, Researcher

**Chairs :** Giovanni Battista Migliori (Varese, Italy), Mario C. Raviglione (Geneva, Switzerland)

**10:45**      **The new ATS and ERS TB treatment guidelines**  
Payam Nahid (San Francisco, United States of America)

**11:10**      **The new WHO TPPs (Target Product Profiles) for new TB treatment regimens**  
Christian Lienhardt (Marseille, France)

- 11:35**      **Scaling-up global implementation of LTBI management: a paradigm shift needed**  
Haileyesus Getahun (Geneva, Switzerland)
- 
- 12:00**      **Motivating TB patients via mobiles: today's evidence and tomorrow's**  
Dennis Falzon (Geneva, Switzerland)
- 
- 12:25**      **ERS Tuberculosis working group**  
Ivan Solovic (Vysne Hagy, Slovakia)
- 
- 12:45**      **Ceremony for ERS/WHO Document**

10:45 - 12:45

### Grand round: Paediatric Ground Round an interactive session

**Aims :** The aim of this Ground Round is to present paediatric cases with respiratory problems and typical and difficult clinical questions. The audience will be engaged in discussions about best clinical care and will receive an update in paediatric respiratory medicine.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :** Ernst Eber (Graz, Austria), Gunilla Hedlin (Stockholm, Sweden)

- 10:45**      **An infant with recurrent episodes of wheezing and failure to thrive**  
Nicola Ullmann (Genes, Italy)
- 
- 11:15**      **Metabolic alkalosis with extreme respiratory compensation in an infant**  
Anna-Louise Nichols (Tunbridge Wells, United Kingdom)
- 
- 11:45**      **A child with persistent cough and haemoptysis**  
Yasemin Gökdemir (Istanbul, Turkey), Speaker to be confirmed
- 
- 12:15**      **Shortness of breath, cough and right sided chest pain in a child**  
Nafsika Sismanoglou (Nottingham, United Kingdom)

10:45 - 12:45

### Session: ERS-ALAT-SBPT-SEPAR-SPP joint session: Spanish and Portuguese Session II

**Aims :** The aims of this session are to discuss key issues in respiratory medicine, providing the opportunity to hear about the latest scientific developments. Note that the presentations will be conducted in Spanish, Portuguese or English with dual projection of slides in Spanish/Portuguese and English.

**Target audience :** ERS International Congress participants from Spanish and Portuguese speaking countries, and all others welcome.

**Chairs :** Andrés Palomar Lever (Mexico, Mexico), Venceslau José Coelho Pinto Hespanhol (Porto, Portugal)

- 10:45**      **Introduction by the Presidents**  
Andrés Palomar Lever (Mexico, Mexico), Venceslau José Coelho Pinto Hespanhol (Porto, Portugal)
- 
- 10:55**      **Lung cancer, noninvasive molecular treatment and monitoring**  
Machardo José Carlos (Porto, Portugal)
- 
- 11:15**      **Pulmonary arterial hypertension case**  
Jorge Osvaldo Cáneva (Buenos Aires, Argentina)
- 
- 11:35**      **RELAP (Latin-American Registry of Pulmonary Hypertension): methods**  
Arturo Gomez Gonzalez (México, Mexico)
- 
- 11:50**      **RELAP (Latin-American Registry of Pulmonary Hypertension): results**  
Tomás Pulido Zamudio (Mexico, Mexico)
- 
- 12:05**      **Introduction to Gustavo Zabert**  
Joan B. Soriano (Madrid, Spain)
- 
- 12:15**      **Marijuana health outcomes and legislation in Latin America**  
Gustavo Zabert (Neuquen, Argentina), Speaker to be confirmed

10:45 - 12:45

### Session: State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London I

**Aims :** Find out how research is done and how techniques are applied to translational studies with video presentations and discussion with the researchers and clinical scientists. Each presentation (30 min) will cover the steps in research in a series of videos and slides, followed by Q&A session.

**Chairs :** Maria Gabriela Belvisi (London, United Kingdom)

**10:45**      **Airway sensory nerves**  
Mark Birrell (London, United Kingdom)

**11:15**      **Cough**  
Jaclyn Smith (Manchester, United Kingdom)

**11:45**      **Bronchoconstriction**  
Duncan Rogers (London, United Kingdom)

**12:15**      **Small airway function**  
Omar Usmani (London, United Kingdom)

10:45 - 12:45

## Poster Discussion: In- and out-patient COPD management

**Chairs :**

**Readmissions in COPD: The perspective of the patient**  
Jan Willem K. van den Berg, Justin Blom, Speaker to be confirmed

**Effect of carbocysteine lysine salt on frequency of exacerbations in COPD patient treated with or without inhaled steroids**  
Federico Saibene, Gregorino Paone, Luigi Lanata, Giovanni Puglisi, Barbara Moscatelli, Renato Delli Colli, Speaker to be confirmed

**Report of outcomes from referral to a multidisciplinary COPD hyperinflation service in the UK**  
Joyce Chew, Jurgen Herre, Susan Perrott, Aman Coonar, Judith Babar, Marco Scarci, Jas Parmar, Ravi Mahadeva, Speaker to be confirmed

**Challenges faced by practicing pulmonologists in the management of COPD in India**  
Simi Raghavan, Monica Barne, Sushma Jadhav, Sapna Madas, Sundeep Salvi, Speaker to be confirmed

**The impact of depression and anxiety on never-smokers COPD patients**  
Rebeca Sicilia Torres, C. Cabrera, C. Casanova, F. León, G. Juliá, J. Marín, P. De Torres, M.A. García, M. Divo, B. Celli, Speaker to be confirmed

**Effectiveness of a comprehensive management program of fragile COPD patients**  
Maria Asuncion Macia Palazon, Vanina Pardini, Federico Fiorentino, Angels Noguera, Rocío Martínez, Josep Lluís Valera, J.B. Soriano, Javier Verdú, Jaume Sauleda, Ernest Sala, Borja G. Cosío, Speaker to be confirmed

**The MEP: A three-variable scoring system for predicting all-cause COPD readmissions**  
Vanessa Yap, Debapriya Datta, Loreen Williams, Diahann Wilcox, Adam Silverman, Richard ZuWallack, Speaker to be confirmed

**Predictive factors of 90-days post-discharge COPD acute exacerbation's recurrence**  
Ahmed Ben Saad, Hathami Mribah, Saoussen Cheikh Mhammed, Nesrine Fahem, Samah Joobeur, Naceur Rouatbi, Ali El Kamel, Speaker to be confirmed

**Change of COPD maintenance medication over two years in a large real life cohort: The DACCORD study**  
Peter Kardos, Claus Vogelmeier, Heinrich Worth, Roland Buhl, Claudia Mailaender, Nadine Lossi, Carl-Peter Criege, Speaker to be confirmed

**RT protocol reduces AECOPD readmissions**  
Jill Ohar, Chee Loh, Tina Lovings, Sharon Cornelison, James Donohue, Speaker to be confirmed

**Comparison of spirometric z-scores with FEV<sub>1</sub> percent prediction in predicting exacerbations in elderly COPD patients**  
Tang-Hsiu Huang, Chiung-Zuei Chen, Han-Yu Chang, Tzuen-Ren Hsiue, Speaker to be confirmed

**Can we personalize COPD treatment by exacerbation frequency and severity? Three years of follow-up**  
Francesca Bigazzi, Viola Bonti, Alessio Garcea, Matteo Paoletti, Gianna Camiciottoli, Massimo Pistolesi, Speaker to be confirmed

**Factors associated with self-reported reduced walking time in patients with COPD**

Maria Antonia Ramon, Cristina Esquinas, Miriam Barrecheguren, Eulogio Pleguezuelos, Jesús Molina, José Antonio Quintano, Miguel Román-Rodríguez, Karlos Naberan, Carl Llor, Carlos Roncero, Marc Miravittles, Speaker to be confirmed

**Aspergillus in COPD patients; is it a predictor for mortality?**

Leonie Imming, Rob Klont, Paul van der Valk, Marjolein Brusse-Keizer, Speaker to be confirmed

**Pharmacotherapy of COPD in Central and Eastern Europe - The POPE study**

Ruzena Tkacova, Jan Svancara, Vladimir Koblizek, Attila Somfay, Branislava Milenkovic, Adam Barczyk, Kirill Zykov, Neven Tudoric, Kosta Kostov, Jurij Sorli, Alvilis Krams, Zuzana Zbozinkova, Marc Miravittles, Arschang Valipour, Speaker to be confirmed

**Longitudinal changes in COPD patients in primary care**

Hana Müllerová, Jadwiga Wedzicha, Marc Decramer, Paul Jones, Speaker to be confirmed

**Hypoxia altitude simulation test (HAST) versus hypobaric chamber test (HCT) in COPD patients**

Christina Priegnitz, Marcel Treml, Norbert Anduleit, Matthias Putzke, Jürgen Wenzel, Winfried J. Randerath, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Asthma: mechanisms and biomarkers leading to clinical understanding**

Chairs :

**Impact of the genetic variation of GLCCI1 on clinical features of asthmatic patients**

Shinji Chiba, Yutaka Nakamura, Hiromi Nagashima, Naoto Morikawa, Nobuhito Sasaki, Kohei Yamauchi, Speaker to be confirmed

**Peripheral pathological ILC2: An inflammatory indicator for the assessment of asthma control in clinics**

Zhihong Chen, Yi Jia, Renhong Tang, Chunxue Bai, Speaker to be confirmed

**Ribosomal protein S3 gene silencing protects against experimental allergic asthma**

Jinrui Dong, Wupeng Liao, Hong Yong Peh, Tze Khee Chan, W.S. Daniel Tan, Li Li, W.S. Fred Wong, Speaker to be confirmed

**Identification of therapeutic targets for steroid-insensitive asthma using models that represent different clinical subtypes of disease**

Jay Horvat, Richard Kim, James Pinkerton, Brittany Rae, Malcolm Starkey, Ama-Tawiah Essilfie, Jemma Mayall, Bernadette Jones, Tatt Jhong Haw, Hiep Nguyen, Simon Keely, Joerg Mattes, Ian Adcock, Paul Foster, Philip Hansbro, Speaker to be confirmed

**NLRP3 inflammasome-mediated, IL-1 $\beta$ -dependent inflammatory responses drive steroid-resistant asthma**

Jay Horvat, Richard Kim, James Pinkerton, Ama-Tawiah Essilfie, Avril Robertson, Katherine Baines, Jemma Mayall, Malcolm Starkey, Peter Wark, Peter Gibson, Luke O'Neill, Matthew Cooper, Philip Hansbro, Speaker to be confirmed

**Impact of childhood and adolescence overweight on airway hyperresponsiveness in adulthood, a 20-year follow-up study**

Louise Toennesen, Celeste Porsbjerg, Charlotte Ulrik, Lotte Harmsen, Asger Bjerregaard, Vibeke Backer, Speaker to be confirmed

**Predictors of long-term lung function decline in adult-onset asthma**

Minna Tammola, Pinja Ilmarinen, Leena Tuomisto, Jussi Haanpää, Terhi Kankaanranta, Onni Niemelä, Hannu Kankaanranta, Speaker to be confirmed

**Relationship between serum periostin and airway wall thickness in asthma**

Makoto Hoshino, Junichi Ohtawa, Kenta Akitsu, Speaker to be confirmed

**High proportion of overlap between adult asthma phenotypes in a large population-based sample**

Rita Amaral, João A. Fonseca, Tiago Jacinto, Ana Margarida Pereira, Andrei Malinovschi, Christer Janson, Kjell Alving, Speaker to be confirmed

**Forced oscillation technique as a predictor of airway hyper-responsiveness in asthma**

Taisuke Akamatsu, Yuko Tanaka, Hirofumi Watanabe, Yoshinari Endo, Yukiko Shimoda, Takahito Suzuki, Ichiro Hayashi, Shogo Sakurai, Mika Saigusa, Akito Yamamoto, Yuichiro Shishido, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Toshihiro Shirai, Speaker to be confirmed

**Investigating antioxidant therapy for steroid-resistant asthma**

James Pinkerton, Richard Kim, Ama-Tawiah Essilfie, Brittany Rae, Jemma Mayall, Md. Khadem Ali, Malcolm Starkey, Lisa Wood, Shyam Biswal, Jay Horvat, Philip Hansbro, Speaker to be confirmed

**Treadmill exercise decreases expression of innate immunity molecules in peripheral blood leukocytes in competitive athletes, asthmatics and healthy subjects**

Marcin Maciej Kurowski, Janusz Jurczyk, Malgorzata Pawelczyk, Aleksandra Szulc, Hubert Krysztofiak, Marek L. Kowalski, Speaker to be confirmed

**Caspase-1 induces upstream Th2-cytokines IL-33 and TSLP and eosinophilia at viral induced asthma exacerbations**

Mandy Menzel, Samuel Cerps, Irma Mahmutovic Persson, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed

**Increased levels of apoptotic and necrotic markers during asthma exacerbation**

Samuel Cerps, Mandy Menzel, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed

**Obese patients with partially controlled asthma: Weight control shows more benefit in IgE low patients**

Edin Jusufovic, Mitja Kosnik, Rifat Sejdinovic, Elida Turkusic, Munevera Osmic, Alma Nadarevic, Fransi Petrak, Dzenan Halilovic, Azra Jusufovic, Besim Prnjavorac, Speaker to be confirmed

**Free serum IL-18 levels and responsiveness to omalizumab in patients with severe asthma**

Tomoko Tajiri, Hisako Matsumoto, Yasuhiro Gon, Reiko Ito, Shu Hashimoto, Kenji Izuhara, Junya Ono, Shoichiro Ohta, Isao Ito, Tsuyoshi Oguma, Hideki Inoue, Toshiyuki Iwata, Tadao Nagasaki, Yoshihiro Kanemitsu, Akio Niimi, Michiaki Mishima, Speaker to be confirmed

**Risk factors of fixed airway obstruction in elderly patients with asthma**

Woo-Jung Song, Sung-Do Moon, Ha-Kyoung Won, Kyung-Hee Sohn, Sung-Yoon Kang, Ju-Young Kim, Seung-Eun Lee, So-Hee Lee, Min-Suk Yang, Heung-Woo Park, Yoon-Seok Chang, Byung-Jae Lee, Claus Bachert, Kyung-Up Min, Sang-Heon Cho, Speaker to be confirmed

**Exhaled nitric oxide variations during oral challenge with different NSAIDs in patients with aspirin-induced asthma**

Lambros Ganavias, Konstantinos Porpodis, Konstantinos Katsoulis, Dimitrios Gioulekas, Lazaros Sichletidis, Konstantinos Zarogoulidis, Despoina Papakosta, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Special issues in thoracic surgery**

Chairs :

**The spontaneous pneumothorax (SP) in women associated with thoracic endometriosis (TE)**

Alexey Pichurov, Oleg Orzheshkovskii, Alexey Petrunin, Mihail Atukov, Piotr Yablonskii, Speaker to be confirmed

**Intrapulmonary endometriosis is rare thoracic pathology**

Ivetta Dvorakovskaya, Irina Platonova, Victoriya Pechennikova, Aleksey Pichurov, Oleg Orzheshkovskiy, Boris Ariel, Petr Yablonskiy, Speaker to be confirmed

**Does the pubertal growth affect the occurrence of primary spontaneous pneumothorax?**

Tevfik Ilker Akcam, Sukran Darcan, Ali Özdil, Onder Kavurmaci, Ayse Gul Ergonul, Kutsal Turhan, Alpaslan Cakan, Ufuk Cagirici, Speaker to be confirmed

**Pre-operative anaemia does not influence clinical outcome in patients undergoing pulmonary endarterectomy (PEA)**

Emilia Swietlik, Emily Bales, Martin Besser, John Cannon, Mark Toshner, Dolores Taboada, Karen Sheares, David Jenkins, Joanna Pepke-Zaba, Speaker to be confirmed

**Diagnostics and surgical treatment of polycystic disease of lungs**

Rustem Hayaliev, Georgiy Pakhomov, Shuhrat Khudaybergenov, Otabek Eshonkhodjaev, Jalolidin Sadullaev, Speaker to be confirmed

**Clinical presentation and characteristics of 25 adult cases of pulmonary sequestration, a retrospective study**

Mateusz Polaczek, Jacek Zych, Inga Baranska, Piotr Rudzinski, Malgorzata Szolkowska, Renata Langfort, Iwona Bestry, Tadeusz Orlowski, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**Is surgery still an option in bronchiectasis?**

Fatma Isil Uzel, Sedat Altin, Ali Cevat Kutluk, Necati Çitak, Levent Cansever, Celalettin Ibrahim Kocati, Esin Tuncay, Speaker to be confirmed

**Abrahamson technique for pectus carinatum deformity: A video presentation**

Ali Nayci, Gokhan Berkutug Bahadir, Hakan Taskinlar, Dogakan Yigit, Dincer Avlan, Speaker to be confirmed

**Surgical treatment for chest wall chondrosarcoma**

Kenan Can Ceylan, Seyda Ors Kaya, Tuba Acar, Ozgur Samancilar, Speaker to be confirmed



**Elastofibroma dorsi: A rare tumor of chest wall**

Kenan Can Ceylan, Seyda Ors Kaya, Sena Ugur Caliskan, Serpil Sevinc, Onur Akcay, Speaker to be confirmed

**The impact of lung cancer resection surgery on fibrinogen and C-reactive protein and their relationship with patients outcomes: A prospective follow up study**

Ingrid Nogueira, Amanda Araújo, Maria Tereza Morano, Antero Gomes Neto, Israel Medeiros, Clarissa Magalhaes, Guilherme Silva, Herbert Costa, Manoel Odorico Moraes Filho, Flávia Santos, Eanes Pereira, Speaker to be confirmed

**Prediction of post-pneumonectomy respiration**

Min-Yeong Kang, Hervé Guénard, Bernard Sapoval, Speaker to be confirmed

**Sleeve lung resection for non-small cell lung cancer after induction therapy: A safe method**

Kenan Can Ceylan, Seyda Ors Kaya, Taner Ozturk, Ozan Usluer, Saban Unsal, Serpil Sevinc, Speaker to be confirmed

**Correlation between clinical and pathological factors in resected lung carcinoid tumours**

Dragan R. Subotic, Nikola Atanasijadis, Vladimir Milenkovic, Milan Savic, Dejan Moskovljevic, Jelena Stojisic, Speaker to be confirmed

**Completion pneumonectomy for lung cancer relapse after surgery- What is a real benefit?**

Dragan R. Subotic, Nikola Atanasijadis, Milan Savic, Dejan Moskovljevic, Milan Gajic, Speaker to be confirmed

**Videothoracoscopy in the differential diagnosis disseminated pulmonary diseases**

Dmitriy Pilkevich, Sergey Skorniyakov, Marina Lehlayder, Aleksey Medyakov, Nikita Gorbunov, Dinar Gatautov, Speaker to be confirmed

**Relapsed hydatid disease**

Rustem Hayaliev, Georgiy Pakhomov, Shuhrat Khudaybergenov, Shohruh Ahmedov, Speaker to be confirmed

**Adrenalectomy for isolated lesions in operable patients with non-small-cell lung cancer**

Danail Petrov, Georgi Iankov, Svetlana Shumarova, Anatoli Semkov, Georgi Todorov, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Effects of exercise training interventions in chronic respiratory disease**

Chairs :

**Mechanisms underlying the role of exercise training as part of a weight loss program on asthma control in obese asthmatics**

Patricia Freitas, Palmira G. Ferreira, Aline G. Silva, Rafael Stelmach, Regina Carvalho-Pinto, Frederico L.A. Fernandes, Milton A. Martins, Marcio C. Mancini, Maria N. Sato, Celso R.F. Carvalho, Speaker to be confirmed

**Effects of a comprehensive program of physical training and oropharyngeal exercises in patients with obstructive sleep apnea syndrome: A randomized clinical trial**

Rodrigo Torres-Castro, Onintza Garmendia, Jordi Vilaró, Joan-Daniel Marti, Barbara Roman Andreoni, Jorge Rodríguez, Cristina Embid, Josep Montserrat, Speaker to be confirmed

**Feasibility, acceptability and safety of downhill walking during pulmonary rehabilitation for patients with COPD: Results from a randomised controlled trial**

Christian Osadnik, Carlos Augusto Marcal Camillo, Matthias Loeckx, Fernanda Maria Machado Rodrigues, Miek Hornikx, Heleen Demeyer, Chris Burtin, Wim Janssens, Thierry Troosters, Speaker to be confirmed

**Comparison of inspiratory muscle training and home-based rehabilitation approach in patients with primary ciliary dyskinesia**

Hazal Sonbahar Ulu, Deniz Inal Ince, Cemile Bozdemir Ozel, Aslihan Cakmak, Naciye Vardar Yagli, Melda Saglam, Ebru Calik Kutukcu, Ozden Ozkal, Hülya Arıkan, Nagehan Emiralioglu, Hayriye Ugur Ozelik, Speaker to be confirmed

**Presence of Kartagener syndrome reduces exercise capacity in primary ciliary dyskinesia**

Deniz Inal Ince, Senem Simsek, Melda Saglam, Hazal Sonbahar-Ulu, Aslihan Cakmak, Ebru Calik-Kutukcu, Naciye Vardar-Yagli, Cemile Bozdemir-Ozel, Nagehan Emiralioglu, Ugur Ozelik, Nural Kiper, Hulya Arıkan, Speaker to be confirmed

**Home-based rehabilitation program with superimposed neuromuscular electrical stimulation in stable COPD patients**

Irene Torres Sanchez, Marie Carmen Valenza, Tamara Del Corral Núñez-Flores, Concepción Morales García, Janet Rodríguez Torres, Gerald Valenza Demet, Speaker to be confirmed

**Acute effect of cigarette-smoke exposure on muscle fiber type distribution and morphology of soleus in rats**

Shirley Ngai, Alex Cheung, Judith Mak, Ming Chiu, Hugo Hoi, Andrew Tam, Benson Lau, Speaker to be confirmed

**Cardiorespiratory demand during upper and lower limb resistance exercises in patients with COPD**

Andre Nyberg, Didier Saey, Mickaël Martin, François Maltais, Speaker to be confirmed

**Reliability of using magnetic stimulation to evaluate muscle function in patients with severe to very severe COPD and healthy subjects**

Andre Nyberg, Didier Saey, Mickaël Martin, François Maltais, Speaker to be confirmed

**Physical activity program improves exercise tolerance and aerobic capacity in bronchopulmonary dysplasia children**

Natalia Morales, Andrea Papaleo, Vicente Morales, Gregory Reychler, Speaker to be confirmed

**Effects of pulmonary rehabilitation in severe patients with idiopathic pulmonary fibrosis referred for lung transplantation**

Fabricio Farias da Fontoura, Danilo Cortozi Berton, Guilherme Watte, Juliessa Florian, Sadi Marcelo Schio, José de Jesus Peixoto Camargo, Paulo José Zimmermann Teixeira, José da Silva Moreira, Speaker to be confirmed

**Comparison of 2 different modalities to determine training intensity in moderate intensity continuous (MIC) and high intensity interval (HIT) treadmill walking in patients with severe COPD - A pilot feasibility study**

Tessa Schneeberger, Rainer Gloeckl, Inga Jarosch, Selina Adler, Andreas Jerrentrup, Klaus Kenn, Speaker to be confirmed

**Pulmonary rehabilitation in lung transplant candidates**

Mariana Hoffman Barbosa, Gabriela Chaves, Giane Amorim Ribeiro-Samora, Raquel Rodrigues Britto, Verônica Franco Parreira, Speaker to be confirmed

**Does preoperative exercise training prevent functional decline after video-assisted thoracic surgery?**

Raquel Sebio Garcia, Ana Lista Paz, Maria Isabel Yañez Brage, Esther Gimenez Moolhuyzen, Marta Salorio Rioboo, Jose María Borro Mate, Speaker to be confirmed

**"Acute effects using light-emitting diode therapy (LEDT) for muscle function during isometric exercise in asthma patients: Preliminary results"**

Ivan Peres Costa, Lawrence Cahalin, Fabiano Politti, Etienne Farah Teixeira Carvalho, Ross Arena, Dirceu Costa, Nivaldo Antonio Parizotto, Luciana Malosa Sampaio, Speaker to be confirmed

**Supplemental oxygen during exercise training in people with COPD during pulmonary rehabilitation: A survey**

Regina Leung, Zoe McKeough, Sue Jenkins, Anne Holland, Kylie Hill, Norman Morris, Lissa Spencer, Catherine Hill, Annemarie Lee, Helen Seale, Nola Cecins, Christine McDonald, Speaker to be confirmed

**Preliminary efficacy of preoperative exercise training in patients with lung malignancies undergoing VATS**

Raquel Sebio Garcia, Ana Lista Paz, Maria Isabel Yañez Brage, Esther Gimenez Moolhuyzen, Marta Salorio Rioboo, Jose María Borro Mate, Speaker to be confirmed

**Effects of resistance training using elastic tube or bands on muscle function and body composition in COPD subjects**

Fabiano Lima, Ana Paula Freire, Bruna Silva, Paula Manfrim, Mariana Previatto, Paulo Gomes, Julia Lourenço, Fernando Zandonadi, Dionei Ramos, Luis Gobbo, Carlos Camillo, Ercy Mara Ramos, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Community-acquired pneumonia from prevention to treatment****Chairs :****The impact of smoking on community acquired pneumonia course and outcomes**

Adamadia Liapikou, Sotiria Makrodimitri, Konstantina Deskata, Matthew Katsaras, Christina Triantafillidou, Katerina Dimakou, Ioannis Dimitroulis, Michael Toumbis, Speaker to be confirmed

**Relationship between the use of inhaled steroids and early outcomes in community-acquired pneumonia**

Adamadia Liapikou, Sotiria Makrodimitri, Sofia Raftopoulou, Andreas Anastasopoulos, Panagiotis Petras, Micael Toumbis, Speaker to be confirmed

**The impact of hyperglycemia on community-acquired pneumonia: A retrospective cohort study**

Andreas Vestergaard Jensen, Gertrud Baunbæk-Knudsen, Stine Bang Andersen, Pelle Trier Petersen, Thomas Benfield, Daniel Faurholt-Jepsen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

**Characteristics of pneumococcal community-acquired pneumonia presenting with respiratory failure**

Leyre Serrano Fernandez, Luis Alberto Ruiz, Pedro Pablo España, Ainhoa Gomez, Lorea Martinez-Indart, Marta Garcia, Amaia Aramburu, Alberto Capelastegi, Rafael Zalacain, Speaker to be confirmed

**Can procalcitonin or C-reactive protein predict suppurative lung complications and ARDS at severe community-acquired pneumonia (CAP)?**

Kseniia Bielosludtseva, Tetyana Pertseva, Tetyana Kireyeva, Speaker to be confirmed

**YKL-40 and CCL18 predict mortality in patients hospitalised with community-acquired pneumonia; an observational analysis**

Simone Spoorenberg, Stefan Vestjens, Ger Rijkers, Bob Meek, Coline van Moorsel, Jan Grutters, Willem Jan Bos, Speaker to be confirmed

**Critical review of the current management of pleural infection in a UK district general hospital. Applying the MIST II (multicentre intrapleural sepsis trial) evidence to our current practice**

Benjamin Peirce, Thomas Pulimood, Clare Harris, Speaker to be confirmed

**Serum procalcitonin as a potential biomarker of surgery in parapneumonic pleural effusions**

Arturo Cortes-Telles, Angel Emmanuel Vega-Sanchez, Jose Luis Che-Morales, Danielle Aimee Manjarrez-Martin, Gary Kosai Vargas-Mendoza, Speaker to be confirmed

**Bacteremic vs. non-bacteremic pneumococcal pneumonia in immunocompetent patients: Predictive and prognostic factors**

Rosanel Amaro Rodriguez, Adamatia Liapikou, Catia Cilloniz, Albert Gabarrús, Francesc Marco, Jacobo Sellarés, Eva Polverino, Javier Garau, Miquel Ferrer, Daniel M. Musher, Antoni Torres, Speaker to be confirmed

**The risk factors of clinical practice for bacteremia in community-acquired pneumococcal pneumonia**

Yasuyoshi Washio, Akihiro Ito, Shogo Kumagai, Tadashi Ishida, Speaker to be confirmed

**Predisposing factors for bacteremia in patients with community-acquired pneumonia and positive pneumococcal urinary antigen**

Leyre Serrano Fernandez, Rafael Zalacain, Alberto Capelastegi, Ainhoa Gomez, Lorea Martinez-Indart, Marta Garcia, Ane Uranga, Pedro Pablo España, Luis Alberto Ruiz, Speaker to be confirmed

**Clinical impact of a prediction score for drug-resistance in community-onset pneumonia**

Brandon Webb, Jeff Sorensen, Herman Post, Peter Jones, Dominika Swistun, Al Jephson, Nathan Dean, Speaker to be confirmed

**Community-acquired pneumonia due to multidrug and non-multidrug resistant pseudomonas aeruginosa**

Catia Cilloniz Campos, Albert Gabarrús, Adamantia Liapikou, Daniel Martinez, Michael Niederman, Antoni Torres, Speaker to be confirmed

**Effect of giving antibiotics within 4 hours to patients with community-acquired pneumonia on mortality, length of stay and critical care admission**

Olivia George, Ian Webster, Speaker to be confirmed

**Empirical treatment of community-acquired pneumonia after outpatient beta-lactam therapy**

Cornelis H. van Werkhoven, Ewoudt M.W. van de Garde, Jan Jelrik Oosterheert, Douwe F. Postma, Marc J.M. Bonten, Speaker to be confirmed

**Empiric penicillin monotherapy of CAP is not associated with increased mortality; experiences from the retrospective CAP-North cohort**

Gertrud Baunbæk-Knudsen, Andreas Vestergaard Jensen, Stine Andersen, Pelle Trier Petersen, Bjarne Ørskov Lindhardt, Christian von Plessen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

**No preventive effects of 23-valent pneumococcal polysaccharide vaccine in patients with chronic renal failure**

Meng-Jer Hsieh, Chun-Chen Yu, Han-Chung Hu, Ying-Huang Thai, Speaker to be confirmed

**Evolutionary trend of invasive pneumococcal disease according to serotypes**

Maria Jose Galvez Medina, Angela Ramos Pinedo, Jose Francisco Valverde Canovas, Elia Perez, Javier Solano, Mercedes Izquierdo, Nurua Echave, Marta Inmaculada Hernandez, Speaker to be confirmed

10:45 - 12:45

Poster Discussion: Lung cancer and immune cells: friends or foes?

## Chairs :

**Neutrophil to lymphocyte ratio (NLR) as a predictor of poor prognosis in advanced non-small cell lung cancer**

Hela Cherif, Saoussen Bacha, Amani Sghaier, Sonia Habibech, Hager Racil, Sana Cheikhrouhou, Naouel Chaouech, Abdellatif Chabbou, Mohamed Lamine Megdiche, Speaker to be confirmed

**The prognostic impact of the neutrophil-to-lymphocyte ratio (NLR) and platelet-to-lymphocyte ratio (PLR) in patients with non-small cell lung cancer**

Pinar Yildiz, Mesut Bayraktaroglu, Speaker to be confirmed

**Lymphocyte profile in the BALF from affected lung in comparison to healthy lung and systemic inflammation in lung cancer**

Iwona Osinska, Anna Stelmaszczyk-Emmel, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Joanna Domagala-Kulawik, Speaker to be confirmed

**Correlation of IL-17A concentration with T regulatory cells in lung cancer microenvironment**

Iwona Osinska, Anna Stelmaszczyk-Emmel, Malgorzata Proboszcz, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Joanna Domagala-Kulawik, Speaker to be confirmed

**Feroptosis of alveolar macrophages in lung cancer**

Svetlana Zunic, Snezana Zunic, Speaker to be confirmed

**CD163 and CCR7 markers for macrophage polarisation in patients with lung cancer**

Iwona Osinska, Dominika Wolosz, Malgorzata Proboszcz, Malgorzata Polubiec-Kownacka, Dariusz Dziedzic, Joanna Domagala-Kulawik, Speaker to be confirmed

**Interleukin 27 (IL27) as antitumor tool? Results from bronchoalveolar lavage (BAL) examination**

Joanna Wozniak, Tomasz Wandtke, Joanna Chorostowska-Wynimko, Teresa Iwaniec, Cezary Rybacki, Blazej Przybylski, Piotr Kopinski, Speaker to be confirmed

**Pro and anti-inflammatory cytokines in patients with lung adenocarcinoma clinical stages IIIB and IV undergoing chemotherapy**

Uriel Rumbo Nava, José Sullivan Ló pez Gonzá lez, Lorenzo Islas Vá zquez, Renata Alejandra Bá ez Saldañ a, Speaker to be confirmed

**Advanced lung cancer inflammation index (ALI): A new prognostic score in patients with non small cell lung cancer**

Saoussen Bacha, Sabrine Mejdoub, Amani Sghaier, Habibach Sonia, Hager Racil, Sana Cheikhrouhou, Naouel Chaouch, Abdellatif Chabbou, Mohamed Lamine Megdiche, Speaker to be confirmed

**Anti-cancer effects of bevacizumab and cisplatin on cancer cell invaded human ex-vivo lung tissue**

Sebastian Konzok, Susann Dehmel, Peter Braubach, Danny Jonigk, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Katherina Sewald, Speaker to be confirmed

**COPD-like inflammation drives the progression of K-ras induced early cancerous lesions**

Christopher Jungnickel, Philipp Schnabel, Rainer Bohle, Robert Bals, Christoph Beisswenger, Speaker to be confirmed

**The oppositedirection of LC3 A/B-I/II change in Raw264.7 cells and A549 cells treated with graphene oxide and its functionalized chemicals**

Jong-Wook Shin, Jae Woo Jung, Jae Chul Choi, Jae Yeol Kim, In Won Park, Byoung Whui Choi, Chang Seok Park, Kyoung Soon Choi, Soo Young Kim, Speaker to be confirmed

**cAMP-response element binding protein in KRAS-driven lung adenocarcinoma**

Georgia Giotopoulou, Nikolitsa Spiropoulou, Evanthia Tourkochristou, Ioannis Lilis, Nikolaos Kanellakis, Anthodesmi Krontira, Georgios Stathopoulos, Antonia Marazioti, Speaker to be confirmed

**Autotaxin is a novel player in lung cancer**

Vassilis Aidinis, Christianna Magkrioti, Oikonomou Nikos, Mouratis Marios-Anglelos, Kaffe Eleanna, Stathopoulos Georgios, Speaker to be confirmed

**Cell intrinsic and environmental factors influencing human bronchial epithelial cell migration**

Fraser Millar, Kate Gowers, Robert Hynds, Jessica Eley, Rachel Chambers, Sam Janes, Adam Giangreco, Speaker to be confirmed

**Bone marrow-derived mesenchymal stem cells involve in lymphangiogenesis of lung cancer**

Xian-Mei Zhou, Dan Wang, Jie Tang, Speaker to be confirmed

**Dihydroartemisinin combined with cisplatin induced apoptosis and related mechanism research in human lung adenocarcinoma H1299 cells**

Xiao-Bo Yin, Ping Wang, Yue Zheng, Shu-Feng Xu, Ai-Min Li, Jing Zhao, Fei-Fei Liu, Qi Tian, Speaker to be confirmed

**CellCollector®: A novel method for the isolation of circulating tumor cells (CTC) in vivo and ex vivo in lung cancer patients during therapy**

Bernd Schmidt, Hubertus Rolke, Clemens Oerding, Michael Fleischhacker, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Endoscopic lung volume reduction I**

Chairs :

- 10:45 One year follow-up after endobronchial valve treatment in patients with emphysema without interlobar collateral ventilation**  
Karin Klooster, Jorine E. Hartman, Nick H.T. Ten Hacken, Dirk-Jan Slebos, Speaker to be confirmed
- 11:00 Survival after endoscopic valve therapy in patients with severe emphysema**  
Daniela Gompelmann, Nicola Benjamin, Elena Bischoff, Hans Hoffmann, Claus-Peter Heussel, Felix J.F. Herth, Ralf Eberhardt, Speaker to be confirmed
- 11:15 CT surrogates of interlobar collateral ventilation: Comparison against Chartis system measurements**  
Youbing Yin, Maren Schuhmann, Daniela Gompelmann, Ralf Eberhardt, Susan Wood, Felix Herth, Speaker to be confirmed
- 11:30 Quantitative CT (QCT) analysis of emphysema and air trapping in coil-based lung volume reduction (LVRC) treatment**  
Konstantina Kontogianni, Youbing Yin, Maren Schuhmann, Ralf Eberhardt, Daniela Gompelmann, Susan Wood, Felix Herth, Speaker to be confirmed
- 11:45 STEP-UP randomized controlled trial of vapor ablation in patients with severe emphysema: 12 month results**  
Felix J.F. Herth, Pallav Shah, Arschang Valipour, Ralf Eberhardt, Christian Grah, Jim Egan, Joachim Ficker, Manfred Wagner, Christian Witt, Uta Liebers, Wolfgang Gesierich, Franz Stanzel, Martin Phillip, William McNulty, Peter Hopkins, Christoph Petermann, Greg Snell, Daniela Gompelmann, Speaker to be confirmed
- 12:00 Safety, feasibility and efficacy of 2% polidocanol in endobronchial sealing of bronchopleural fistulae – Phase 2 interventional clinical trial**  
Bojan Zaric, Goran Stojanovic, Evica Budisin, Marijela Potic, Tomi Kovacevic, Branislav Perin, Speaker to be confirmed
- 12:15 Intra-bullous adhesion pexia: A novel alternative to treat giant pulmonary bulla**  
Wei-Liang Li, Yong-Hua Li, Yu-Bo Yang, Li-Hui Lv, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: IPF pathogenesis**

Chairs :

- 10:45 Induction of pro-fibrotic biomarkers in precision-cut lung slices (PCLS)**  
Christina Hesse, Samuel Mang, Heinz-Gerd Hoymann, Monika Niehof, Peter Braubach, Danny Jonigk, Gregor Warnecke, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Katherina Sewald, Speaker to be confirmed
- 11:00 The role of miR-21 and miR-34a in the fibrotic process of the lung**  
Patrizia Morbini, Elena Rossi, Simona Inghilleri, Giuseppina Ferrario, Davide Piloni, Salvatore Cuzzocrea, Rosanna Di Paola, Fiorella Calabrese, Bart Vanaudenaerde, Federica Meloni, Speaker to be confirmed
- 11:15 Germline SFTPA1 mutation in familial idiopathic interstitial pneumonia and lung cancer**  
Nadia Nathan, Violaine Giraud, Clément Picard, Hilario Nunes, Florence Dastot Le Moal, Philippe Duquesnoy, Bruno Copin, Martine Reynaud Gaubert, Dominique Valeyre, Louis-Jean Couderc, Thierry Chinet, Raphaël Borie, Bruno Crestani, Valérie Nau, Sylvie Tissier, Laurie Galeron, Alice De Ligniville, Nathalie Kuziner, Maud Simansour, Lamisse Mansour Hendili, Marie Legendre, Caroline Kannengiesser, Aurore Coulomb, Laurent Gouya, Serge Amselem, Annick Clement, Speaker to be confirmed
- 11:30 Pirfenidone attenuates myofibroblast differentiation during insufficient mitophagy**  
Yusuke Kurita, Jun Araya, Hiromiti Hara, Shunsuke Minagawa, Nayuta Saito, Nahoko Sato, Kazuya Tubouchi, Masahiro Yoshida, Kenji Kobayashi, Takanori Numata, Yumi Kaneko, Katutoshi Nakayama, Kazuyoshi Kuwano, Speaker to be confirmed
- 11:45 Mechanisms of treatment response to pirfenidone of idiopathic pulmonary fibrosis (IPF) patients**  
Nicola Ronan, Kashif A. Khan, Abirami Subramaniam, Yvonne McCarthy, Louise Burke, A. Chelliah, Barry J. Plant, Michael T. Henry, Speaker to be confirmed

**Safety and efficacy of pirfenidone in patients with lung fibrosis and TERT mutation**

- 12:00 Aurélien Justet, Raphael Borie, Hilario Nunes, Vincent Cottin, Sylvain Marchand Adam, Jacques Cadranel, Emmanuel Bergot, Lidwine Wemeau-Stervinau, Jean Marc Naccache, Eline Magois, Irene Frachon, Anne Gondouin, Anas Medhaoui, Jean Francois Cordier, Dominique Valeyre, Bernard Grandchamp, Caroline Kanengiesser, Bruno Crestani, Speaker to be confirmed

**Metabolic shift during TGF- $\beta$ -induced collagen synthesis**

- 12:15 Brintha Selvarajah, Ilan Azuelos, Ellen Forty, Manuela Plate, Dimitris Anastasiou, Paul Mercer, Rachel Chambers, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: New therapies and therapeutic targets**

Chairs :

**LSC Abstract – Systemic and local metabolomics profiling reveals novel insights into the progression of emphysema**

- 10:45 Thomas Conlon, Jörg Bartel, Cornelia Prehn, Jan Krumsiek, Fabian Theis, Jerzy Adamski, Oliver Eickelberg, Ali Önder Yildirim, Speaker to be confirmed

**LSC Abstract – Peripheral blood myeloid-derived suppressor cells reflect disease status in IPF**

- 11:00 Isis Enlil Fernandez, Flavia Greiffo, Marion Frankenberger, Katharina Heinzelmann, Claus Neurohr, Rudolf Hatz, Jürgen Behr, Oliver Eickelberg, Speaker to be confirmed

**LSC Abstract – Network analysis of induced pluripotent stem cells secretome reveals its anti fibrotic action in rat lung injury model**

- 11:15 Cedric Simillion, Luca Tamo, Remy Bruggmann, Anis Feki, Antje Prasse, Amiq Gazdhar, Thomas Geiser, Speaker to be confirmed

**LSC Abstract – Effects of vitamin D supplementation on perioperative markers of inflammation in patients at risk of acute respiratory distress syndrome (ARDS)**

- 11:30 Rachel Dancer, Dhruv Parekh, David Thickett, Speaker to be confirmed

**Reduced MicroRNA-19a causes constitutive high expression of PRMT1 and remodeling in asthma**

- 11:45 Qingzhu Sun, Daiana Daiana Stolz, Michael Tamm, Shemin Lu, Michael Roth, Speaker to be confirmed

**Redefining the asthma treatment paradigm using a locally administered dual PI3K $\gamma$  inhibitor**

- 12:00 Matt Thomas, Peter Bold, Karin Bjorhall, Andrew Butcher, Johan Carlsson, Paulina Cygan, Maria Karlsson, Helena Lindmark, Rose Maciewicz, Mickael Mogemark, Vikki Morrison, Maria Nordberg, Matthew Perry, Sandra Rodrigo Blomqvist, Carla Winkler, Carl Goodyear, Kostas Karabelas, Speaker to be confirmed

**NDP52 inhibition rescues cigarette smoke mediated impairment of autophagy in macrophages**

- 12:15 Yuta Kono, Nicolas Mercado, Kazuhiro Ito, Peter Barnes, Thomas Colley, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Repair pathways from lung development to aging of the lung**

Chairs :

**LSC Abstract – Platelet-derived growth factor receptor (PDGFR) signaling involvement in alveolar secondary septation**

- 10:45 Leonor Gouveia, Christer Betsholtz, Johanna Andrae, Speaker to be confirmed

**A role for microRNA-29c in arrested alveolarisation associated with experimental bronchopulmonary dysplasia**

- 11:00 David Surate Solaligue, Diogo Silva, Werner Seeger, Rory Morty, Speaker to be confirmed

**The role of transglutaminase 2 in normal and aberrant late lung development**

- 11:15 Ivana Mizikova, Diogo Silva, Werner Seeger, Rory Morty, Speaker to be confirmed

**Mesenchyme associated transcription factor PRRX1: A key regulator of IPF fibroblast**

- 11:30 Antoine Froidure, Emmeline Marchal-Duval, Mada Ghanem, Laura Gerish, Madeleine Jaillet, Bruno Crestani, Arnaud Mailleux, Speaker to be confirmed

**LSC Abstract – Enhanced expression of alarmins in pulmonary hypertension and fibrosis**

- 11:45 Aleksandar Petrovic, Jan Niklas Schneider, Magorzata Wygrecka, Oleg Pak, Elie El Agha, Norbert Wiessmann, Saverio Bellusci, Djuro Kosanovic, Ralph Theo Schermuly, Speaker to be confirmed

**LSC Abstract – Investigating SOCS-mediated regulation of STAT signalling in idiopathic pulmonary fibrosis (IPF)**

- 12:00 Cecilia Prele, Thomas Iosifidis, Robin McNulty, Bahareh Badrian, Sarra Jamieson, David Pearce, Matthias Ernst, Philip Thompson, Geoffrey Laurent, Darryl Knight, Steven Mutsaers, Speaker to be confirmed

- 12:15** **ATF3 regulates PINK1 transcription in lung epithelial cells of the aging lung**  
Marta Bueno, Judith Brands, Rama K. Mallampalli, Ana L. Mora, Speaker to be confirmed

10:45 - 12:45

### Oral Presentation: Inflammatory biomarkers in airway diseases

Chairs :

- 10:45** **TLR4 and NOD1 increase in stable COPD of increasing severity. Relationship with tissutal bacterial load**  
Antonino Di Stefano, Fabio L.M. Ricciardolo, Davide Vallese, Isabella Gnemmi, Valentina Sorbello, Paola Brun, Armando Capelli, Francesco Cappello, Bruno Balbi, Speaker to be confirmed

- 11:00** **Exhaled NO (F<sub>E</sub>NO<sub>50</sub>) in COPD - Results from the TIE-study**  
Alexandra Thornadtsson, Jens Ellingsen, Johanna Sulku, Regina Bendrik, Björn Ståhlberg, Karin Lisspers, Christer Jansson, Andrei Malinovschi, Marieann Höglman, TIE Study Group, Speaker to be confirmed

- 11:15** **Serum SP-A and SP-D levels in patients admitted to the hospital with acute COPD exacerbation**  
Andriana Papaioannou, Elissavet Konstantelou, Anastasia Papaporfyriou, Konstantinos Bartziokas, Aris Spathis, Petros Karakitsos, Petros Bakakos, Stelios Loukides, Nikolaos Koulouris, Spyros Papis, Konstantinos Kostikas, Speaker to be confirmed

- 11:30** **Simultaneously increased serum periostin and urinary EDN relates to reduced lung function in adults with asthma from the Swedish GA2LEN study**  
Andrei Malinovschi, Christer Janson, Anna James, Ida Mogensen, Bertil Forsberg, Junya Ono, Shoichiro Ohta, Kjell Alving, Kenji Izuhara, Sven-Erik Dahlen, Speaker to be confirmed

- 11:45** **Elevated concentrations of CXCL8 in the nasal mucosal lining fluid of COPD patients as an accessible surrogate measure of bronchial levels**  
Craig Batista, Megan McIntosh, Trevor Hansel, Louise Donnelly, Peter Barnes, Speaker to be confirmed

- 12:00** **Exhaled nitric oxide (FeNO) levels to guide treatment for adults with asthma: A Cochrane systematic review**  
Helen Petsky, Kayleigh Kew, Catherine Turner, J. Anne Kynaston, Anne Chang, Speaker to be confirmed

- 12:15** **Eosinophilic inflammation amplifies the prednisolone-induced prothrombotic state in asthma**  
Christof J. Majoor, Marlous S. Sneeboer, Anne de Kievit, Joost C.M. Meijers, Tom van der Poll, Rene Lutter, Pieter Willem Kamphuisen, Elisabeth H. Bel, Speaker to be confirmed

10:45 - 12:45

### Oral Presentation: Population-based insights in occupational and environmental lung disease

Chairs :

- 10:45** **Long term effect of cleaning on lung function decline among women in the ECRHS study**  
Oistein Svanes, Randi Jacobsen Bertelsen, Stein Håkon Låstad Lygre, Josep Maria Antó Boqué, Anne Elie Carsin, Manolis Kogevinas, Benedicte Leynaert, Theodore Lytras, Maria Mirabelli, Jesús Moratalla, Nicole Le Moual, Dan Norbäck, Mario Olivieri, Vivi Schlüssen, Trude Duelien Skorge, Jan-Paul Zock, Cecilie Svanes, Speaker to be confirmed

- 11:00** **'Hotspots' of livestock farms may influence lung function of neighboring residents**  
Floor Borlé, C. Joris Yzermans, Bernadette Aalders, Jos Rooijackers, Esmeralda Krop, Kitty Maassen, Francois Schellevis, Dick Heederik, Lidwien A.M. Smit, Speaker to be confirmed

- 11:15** **Mortality due to IPF and mesothelioma in Europe – A link with historic asbestos use?**  
Christopher Barber, Ruth Wiggans, David Fishwick, Speaker to be confirmed

- 11:30** **Silicosis in Dutch construction workers**  
Jos M. Rooijackers, Erik Stigter, Mischa Niederer, Pim A. de Jong, Bernadette Aalders, Ans van Geutselaar, Dick Heederik, Speaker to be confirmed

- 11:45** **Respiratory mortality risks in England and Wales associated with air pollution exposures up to 38 years previously**  
Anna Hansell, Rebecca Ghosh, Marta Blangiardo, Chloe Perkins, Danielle Vienneau, Kayoung Goffe, David Briggs, John Gulliver, Speaker to be confirmed

- 12:00** **Respiratory effects of vehicle exhaust ultrafine particles versus secondary ultrafine particles in ambient air**  
Aurelio Tobias, Cristina Reche, Noemi Perez, Xavier Querol, Speaker to be confirmed

- 12:15 Respiratory medication sales and urban air pollution in Brussels (2005 to 2011)**  
An Van Nieuwenhuysse, Koen Simons, Tim S. Nawrot, Olivier Brasseur, Priscilla Declerck, Ronald Buyl, Danny Coomans, Benoit Nemery, Lidia Casas, Speaker to be confirmed

10:45 - 12:45

### Oral Presentation: Mesothelioma and pleural disease: from bench to bedside

Chairs :

- 10:45 Biological markers of successful pleurodesis for malignant pleural effusion**  
Ioannis Psallidas, Nikolaos Kanellakis, Marie-Laetitia Thezenas, Philip Charles, John Corcoran, Rob Hallifax, Ambika Talwar, Ahmed Yousuf, John Wrightson, Ian Pavord, Climent Casals Pascual, Benedikt Kessler, Najib Rahman, Speaker to be confirmed
- 11:00 Role of tumor derived versican in experimental malignant pleural mesothelioma**  
Apostolos Pappas, Sofia Magkouta, Maria Vazakidou, Ioannis Kalomenidis, Speaker to be confirmed
- 11:15 A conditional mouse model of malignant pleural mesothelioma**  
Anthi Krontira, Malamati Vreka, Marianthi Iliopoulou, Ioannis Lilis, Theodora Agalioti, Nicoleta Spiropoulou, Georgia Giotopoulou, Yuval Rinkevich, Magda Spella, Georgios Stathopoulos, Antonia Marazioti, Speaker to be confirmed
- 11:30 Folic acid phenotype (FAP) as superior marker to predict pemetrexed response in pleural mesothelioma**  
Robert Fred Henry Walter, Claudia Vollbrecht, Daniel Christian Christoph, Kurt Werner Schmid, Jens Kollmeier, Helmut Hans Popper, Thomas Mairinger, Fabian Mairinger, Speaker to be confirmed
- 11:45 Breath analysis by gas chromatography-mass spectrometry can be used to screen for pleural mesothelioma**  
Kevin Lamote, Joris Van Cleemput, Kristiaan Nackaerts, Lore Vandermeersch, Herman Van Langenhove, Jan P. van Meerbeeck, Speaker to be confirmed
- 12:00 Long-term outcome of patients with non-specific pleuritis on thoracoscopic or ultrasound-guided pleural biopsies**  
John Corcoran, Ioannis Psallidas, Robert Hallifax, Ambika Talwar, Ahmed Yousuf, John Wrightson, Najib Rahman, Speaker to be confirmed
- 12:15 Retrospective review of VATS (Pleural) negative biopsy and their outcome in a university hospital**  
Abdisamad Ali, Mohammed Haris, Nadeem Maddekar, Shiva Bimalla, Lea Adam, Shilajit Ghosh, Abid Qamar, Chris Satur, Shahul Leyakathali Khan, Speaker to be confirmed

12:50 - 14:40

### Thematic Poster: Clinical characteristics in asthma

Chairs :

- A case diagnosed ACOS with omelizumab treatment**  
Bilge Salik, Berna Komurcuoglu, Enver Yalniz, Speaker to be confirmed
- Assessment of the bioequivalence of two DPIs containing fluticasone and salmeterol, in patients with controlled or partly controlled asthma**  
Katerina Athanassiou, Luigi Silvestro, Simona Rizea Savu, Speaker to be confirmed
- Does in parents and grandparents smoking attitude have influence to asthma appearance in children? Evaluation on asthma prevalence in two ethnic groups in Macedonia**  
Zoran Stojanovski, Ivana Babalj-Veljanovski, Bojan Janackov, Olgica Kuzarevska-Blazevska, Speaker to be confirmed
- Predicting inhaler technique maintenance: An art or a science?**  
Sinthia Bosnic-Anticevich, Elizabeth Azzi, Pamela Srour, Carol Armour, Cynthia Rand, Speaker to be confirmed
- Asthma diagnosis in children with community-acquired pneumonia: New challenges**  
Zoia Nesterenko, Speaker to be confirmed
- LDL and HDL level in asthmatic and non-asthmatic Roma adults**  
Zoran Stojanovski, Ivana Babalj Veljanovski, Bojan Janackov, Speaker to be confirmed
- The asthma-COPD overlap syndrome: A comparison of asthma outcomes in smoking vs non-smoking patients with incompletely reversible airway obstruction (IRAO)**  
Marie-Eve Boulay, Joanne Milot, Johane Lepage, François Maltais, Louis-Philippe Boulet, Speaker to be confirmed



**LSC Abstract – Changes of peripheral blood eosinophil activity during allergen-induced late-phase airway inflammation in asthma**

Ieva Janulaityte, Simona Lavinskiene, Deimante Hoppenot, Kestutis Malakauskas, Raimundas Sakalauskas, Speaker to be confirmed

**Sublingual immunotherapy among patients, suffering from allergic rhinitis**

Nataly Tataurshchikova, Speaker to be confirmed

**Effects of low level laser therapy in experimental model of asthma induced by house dust mite**

Erasmoo Assumpção Neto, Nicole C. Rigonato-Oliveira, Aurileia A. Brito, Luana B. Vitoretti, Gabriel Moraes, Renata K. Palma, Rodolfo P. Vieira, Ana Paula Ligeiro-Oliveira, Speaker to be confirmed

**Real-life effectiveness of budesonide/formoterol for the management of asthma and COPD**

Hicham Benhaddi, Marianka Van Der Tol, David Price, Bakhtiyor Khalikulov, Rinat Ariely, Speaker to be confirmed

**E-selectin as a prognostic factor of patients who hospitalized for respiratory inflammation diseases; a single institutional study**

Masamichi Sato, Yoko Shibata, Sumito Inoue, Akira Igarashi, Yoshikane Tokairin, Tomomi Kimura, Keiko Yamauchi, Takako Nemoto, Kento Sato, Hiroshi Nakano, Takahito Yagihashi, Isao Kubota, Speaker to be confirmed

**Dysfunctional breathing in asthma is associated with poor asthma control after specialist management**

Sandra Veidal, Asger Sverrild, Vibeke Backer, Celeste Porsbjerg, Speaker to be confirmed

**Comparison of the quality of life in asthma and COPD patients with increased BMI**

Zoran Stojanovski, Bojan Janackov, Ivana Babalj Veljanovski, Speaker to be confirmed

**The effectiveness of patient education to improve adherence to the asthma treatment**

Larisa V. Bogovin, Juliy M. Perelman, Victor P. Kolosov, Anastasiya S. Shabanova, Speaker to be confirmed

**LSC Abstract – Eosinophils enhance WNT-5a and TGF- $\beta$ 1 genes expression in airway smooth muscle cells and promote their proliferation in asthma**

Andrius Januskevicius, Simona Lavinskiene, Reinoud Gosens, Ieva Janulaityte, Deimante Hoppenot, Raimundas Sakalauskas, Kestutis Malakauskas, Speaker to be confirmed

**BMI and PFM in COPD and asthma subjects**

Ivana Babalj Veljanovski, Zoran Stojanovski, Goran Andonovski, Bojan Janackov, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Features and impact of comorbidities in COPD****Chairs :****Comorbidities and body mass index in subjects with chronic obstructive pulmonary disease**

Dejana Vukovic, Ljudmila Nagorni Obradovic, Speaker to be confirmed

**Frequency and characteristics of metabolic syndrome in patients with chronic obstructive pulmonary disease**

Tatjana Vujic, Ljudmila Nagorni Obradovic, Gorica Maric, Ivana Vukanic, Jelena Jankovic, Milica Arsic, Speaker to be confirmed

**Metabolic regulation during the co-existence of COPD and DM type2**

Elene Sherozia, Liza Peirkishvili, Lali Nikoleishvili, Tamar Kakhniashvili, Speaker to be confirmed

**The relationship between the severity of obstructive sleep apnea syndrome and severity of chronic obstructive pulmonary disease (COPD) associated with coronary artery disease (CAD)**

Iuliia Kharchenko, Olena Krakhmalova, Olena Izmailova, Speaker to be confirmed

**Features of clinical cours of chronic obstructive pulmonary disease and ischemic heart disease in case of comorbidity**

Daria Didenko, Lesya Rasputina, Yuriy Mostovoy, Nataliya Cherepii, Speaker to be confirmed

**Chronic obstructive pulmonary disease assessment test (CAT) in patients with COPD, chronic heart failure (CHF), and both**

Sara Roversi, Bianca Beghé, Valentina Ruggieri, Martina Garofalo, Alessia Verduri, Sara Balduzzi, Michela Schito, Leonardo Michele Fabbri, Enrico Clini, Piera Boschetto, Speaker to be confirmed

**Effect of weight loss on COPD-associated comorbidities in obese COPD**

Netsanet Negewo, Peter Gibson, Lisa Wood, Katherine Baines, Vanessa McDonald, Speaker to be confirmed

**Bone attenuation on chest computed tomography correlates with bone mineral density on densitometry in patients with emphysema and COPD**

Jessica Gonzalez Gutierrez, Pilar Rivera Ortega, Patricia Restituto, Nerea Varo, Inmaculada Colina, Amparo Calleja, Macarena Rodriguez, Gorka Mastarrika, Ana Belen Alcaide, Arantza Campo, Javier Zulueta, Juan Pablo De Torres, Speaker to be confirmed

**Hypoxia in flight simulation in obese patients with or without COPD**

Christina Priegnitz, Marcel Treml, Norbert Anduleit, Matthias Putzke, Jürgen Wenzel, Winfried J. Randerath, Speaker to be confirmed

**Impact of comorbidities in COPD prognosis scores**

Amaia Aramburu Ojembarrena, Inmaculada Arostegui, Txomin Zabala, Amaia Garcia, Irantzu Barrio, Francisco Javier Moraza, Ane Uranga, Alberto Capelastegui, Cristobal Esteban, Speaker to be confirmed

**Effect of auto-CPAP therapy on parameters of rhinomanometry in patients with COPD combined with OSAHS**

Ksenia Nazarenko, Yuri Feschenko, Liudmyla Iashyna, Viktoria Ignatieva, Svitlana Opimah, Svitlana Moskalenko, Natalia Diachenko, Speaker to be confirmed

**Diabetes and hospitalization for COPD exacerbation**

Michele Porzio, Hany El Khoury, Alhassane Barry Mamadou, Matthieu Canuet, Laurence Kessler, Romain Kessler, Speaker to be confirmed

**Top-10 comorbidities of symptomatic patients with moderate COPD in the clinical setting of the CRYSTAL study**

Andreas Clemens, Claus Vogelmeier, Timm Greulich, Jose M. Marin, Walter Castellani, Thomas Similowski, Vincent Ninane, Mina Gaga, Stephen Lane, Maryam Aalamian-Mattheis, Xavier Nunez, Konstantinos Kostikas, Speaker to be confirmed

**Morphological markers of resistance bronchial mucosa of smokers to the development of COPD**

Ivan Kremis, Ekaterina Bukreeva, Elena Gereng, Speaker to be confirmed

**Statistical analysis of anthropometric differences between COPD stages 1 and 2**

Stefan A. Mihaicutu, Mihai Udrescu, Izabella-Anita Toth, Lucretia Udrescu, Iosif Marincu, Speaker to be confirmed

**COPD: Plasma surfactant protein-D (SPD) concentration as a predictor of acute exacerbations (AE) probability**

Kateryna Gashynova, Speaker to be confirmed

**The severity of anxiety in COPD patients (pts)**

Yuliia Huba, Lyudmyla Konopkina, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: From pleura to bronchi: new insights****Chairs :****Postoperative pleural effusions after orthotopic heart transplantation: The etiology, clinical manifestations and course**

Gaye Ulubay, Elif Kupeli, Ozlem Salman Sever, Balam Er, Atilla Sezgin, Speaker to be confirmed

**Diagnostic value of pleural fluid (PF) biochemistry and cytology in an infection-dominant setting; a survey from Kandy, Sri Lanka**

Dushantha Madegedara, Asanka Rajapakse, Duminda Yasaratne, Speaker to be confirmed

**Chylothorax following posterior cervical decompression – A rare & unusual complication**

Dayle Terrington, Shiva Murugan-Sukumar, Lubna Nishath, Arun Arya, Speaker to be confirmed

**Evaluation of pleural fluid total protein, albumin, globulin levels and albumin/globulin ratios in the differential diagnosis of pleural effusions**

Seyfettin Gumus, Hatice Kaya, Tuncer Ozkisa, Ufuk Turhan, Mehmet Aydogan, Omer Deniz, Ergun Tozkoparan, Speaker to be confirmed

**An audit of the management of spontaneous pneumothorax (SP) at a UK hospital**

Divya Vatish, Angshu Bhowmik, Raj K. Rajakulasingam, Speaker to be confirmed

**Randomized comparison of needle aspiration and chest tube drainage in spontaneous pneumothorax**

Andreas Thelle, Miriam Gjerdevik, Malcolm SueChu, Ole Magnus Hagen, Per Bakke, Speaker to be confirmed

**An oversight of bulla is still not causal factor that can be ignored: The pneumothorax recurrence after thoracoscopic surgery**

Masao Naruke, Speaker to be confirmed

**Treatment of a spontaneous primary pneumothorax (SPP) in a large teaching hospital**

Ben Tomlow, Bart Goutier, Wim Boersma, Speaker to be confirmed

**The clinical and epidemiological features of pneumonia in young men in organized collectives**

Tatiana Bilichenko, Marina Raicheva, Speaker to be confirmed

**Demographics and characteristics of antibiotic use in non-cystic fibrosis bronchiectasis patients**

Sule Güllü, Elif Yelda Niksarlioglu, Mehmet Atilla Uysal, Elif Tanriverdio, Speaker to be confirmed

**Prevalence and incidence of bronchiectasis in Catalonia in 2012**

Miriam Barrecheguren Fernandez, Monica Monteagudo, Teresa Rodriguez, Pere Simonet, Marc Miravittles, Speaker to be confirmed

**The emotional state of individuals with chronic bronchitis living in the arctic region of Yamal-Nenets autonomous district**

Tatiana Popova, Andrei Popov, Andrei Lobanov, Irina Gagarinova, Speaker to be confirmed

**Translation of the bronchiectasis health questionnaire (BHQ) using validated methods**

Natalie Williams, Arietta Spinou, Rachel Garrod, Richard Siegert, Gianluca Cotta, Akio Niimi, Lieven Dupont, Wei-jie Guan, Stefan Tino Kulnick, Amadea Heitmann, Catherine Acquadro, Surinder S. Birring, Speaker to be confirmed

**Aetiology of bronchiectasis: Evaluation of 319 adult patients with bronchiectasis**

Sermin Börekçi, Benan Musellim, Speaker to be confirmed

**The effect of transition from a paediatric to adult cystic fibrosis (CF) centre on clinical status and hospital attendance**

Rachel Collins, Chris O'Dea, Adelaide Withers, Michelle Trevenen, William Noffsinger, Gerard Ryan, Siobhain Mulrennan, Speaker to be confirmed

**A pediatric case of CCNO associated congenital mucociliary disease – A novel entity in primary ciliary dyskinesia**

Martin Wetzke, Christine Happle, C. Bultmann, Gesine Hansen, Nicolaus Schwerk, Speaker to be confirmed

**Poor periodontal health is associated with airways obstruction**

Antonio Perez, Cecilie Svanes, Francisco Gomez Real, Ana Tauste, Janicke Igland, Anne Nordrehaug Åmstrøm, Speaker to be confirmed

**Lung function in HIV- infected adolescents on antiretroviral therapy in Cape Town, South Africa**

Leah Githinji, Diane Gray, Siphso Hlengwa, Heather Zar, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Latest insights in pulmonary rehabilitation**

Chairs :

**Comparison of two questionnaires CAT and MRF 26 to assess the effect of pulmonary rehabilitation on health status in COPD patients with chronic respiratory failure**

Francesca Gibellino, Laura Mammana, Annalisa Rodo, Speaker to be confirmed

**Evolution of the psychometric dimensions of the VQ11 questionnaire in COPD patients undergoing a pulmonary rehabilitation program (PRP). Results from the French cohort Rehaeffort from IRSR des Pays de Loire**

Arnaud Chambellan, Hakima Ouksel, Marc Le Vaillant, Laurence Nourry, Agnès Martin, Sandie Grelier, Speaker to be confirmed

**Health locus of control in pulmonary rehabilitation (PR) of severe COPD patients**

Guido Vaghegghini, Francesca Moretti, Vanessa Cianchi, Daniele Berrighi, Anna Zito, Domitilla Gallinari, Adriano Di Paco, Nicolino Ambrosino, Speaker to be confirmed

**Comparisons of walking-based training techniques in COPD**

Luca Pomidori, Michele Felisatti, Martina Terranova, Enrico Pozzato, Marco Contoli, Speaker to be confirmed

**Pulmonary rehabilitation appropriateness triage in chronic respiratory diseases**

Michele Vitacca, Marilena Barbisoni, Laura Comini, Gloria Francolini, Mara Paneroni, Speaker to be confirmed

**Exercise prescription and progression in Canadian pulmonary rehabilitation programs**

Gail Dechman, Paul Hernandez, Pat Camp, Speaker to be confirmed

**Organization and content of pulmonary rehabilitation programs (PRP) in Italy: A national survey**

Bruno Balbi, Davide Vallese, Michele Vitacca, Speaker to be confirmed

**The effectiveness of long term physical therapy in elderly patients with chronic obstructive pulmonary disease**

Antoaneta Dimitrova, Daniela Lubenova, Kristin Grigorova-Petrova, Ivan Maznev, Milena Nikolova, Speaker to be confirmed

**Pulmonary rehabilitation does not affect systemic inflammation in chronic obstructive pulmonary disease**

Anabel Sciriha, Stephen Lungaro-Mifsud, AnneMarie Bonello, Tonio Agius, Josianne Scerri, Bridget Ellul, Anthony Fenech, Liberato Camilleri, Stephen Montefort, Speaker to be confirmed

**Nutritive rehabilitation of COPD patients**

Leyla Ergeshova, Speaker to be confirmed

**Effectiveness of pulmonary rehabilitation in different COPD stages**

Maria Kerti, Zsuzsanna Balogh, Krisztina Kelemen, Janos Varga, Speaker to be confirmed

**Pulmonary rehabilitation: Is it feasible and beneficial in mild COPD?**

Cristina Jácome, Alda Marques, Speaker to be confirmed

**Differences in anxiety and depression according to gender in patients with chronic obstructive pulmonary disease submitted to a pulmonary rehabilitation program**

Mónica Silveira Lapa, Cecilia Melo Rosa Tavares, Selma Denis Squassoni, Nadine Cristina Machado, Luciene Costa Bortolassi, Juliana Nascimento Oliveira, Priscila Kessar Cordoni, Elie Fiss, Speaker to be confirmed

**Effectiveness of a structural exercise program on six minutes walk distance in patients with stage 3 and 4 sarcoidosis- A randomized control trial**

Ilknur Naz, Sevgi Ozalevli, Serir Ozkan, Hulya Sahin, Speaker to be confirmed

**Disease effect on psychological burden in patients attending pulmonary rehabilitation**

Latinka Basara, Tajana Jalusic Gluncic, Andrea Vukic Dugac, Ana Hecimovic, Marko Jakopovic, Miroslav Samarzija, Speaker to be confirmed

**New interactive 3D visualization technique used in pulmonary rehabilitation programme in COPD, a randomized controlled study**

Pernilla Sönerfors, Anna Karin Nordlin, Alexandra Halvarsson, Gun Faager, Ulrika Einarsson, Speaker to be confirmed

**Pulmonary rehabilitation of lung transplant candidates in Hungary**

Krisztina Kelemen, Anikó Bohács, Krisztina Czebe, Judit Petró, Maria Kerti, Zsuzsanna Balogh, Eszter Csiszer, György Lang, János Tamás Varga, Speaker to be confirmed

**Factors influencing pulmonary rehabilitation adherence – Surely is not simple**

Rita Daniela Peixoto Boaventura, Leonor Meira, Vanessa Santos, Isabel Gomes, Luis Gaspar, Paula Martins, Emília Araujo, Paulo Viana, Speaker to be confirmed

**New device used in COPD rehabilitation. TrainAir system**

Camelia Pescaru, Cristian Oancea, Emanuela Tudorache, Speaker to be confirmed

**Loneliness as predictor of health status and rehabilitation success in patients with COPD**

Andreas von Leupoldt, Thomas Reijnders, Michael Schuler, Michael Wittmann, Danijel Jelusic, Konrad Schultz, Sibylle Petersen, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Latest insights in functional capacity and muscle weakness in chronic lung diseases****Chairs :****The effects of inspiratory resistive loading on respiratory and locomotors muscle oxygenation during high intensity exercise in female soccer players**

Flavia Cristina Rossi Caruso, Bruno Archiza, Daniela Kuguimoto Andaku Olenscki, Renata Trimer, Stela Mattiello, Cleiton Libardi, André Capaldo Amaral, José Carlos Bonjorno-Junior, Claudio Ricardo de Oliveira, Shane A. Phillips, Ross Arena, Jose Alberto Neder, Audrey Borghi-Silva, Speaker to be confirmed

**The anti-inflammatory effects of aerobic exercise in asthma is mediated by purinergic signaling**

Manoel Carneiro de Oliveira Jr, Alana dos Santos Dias, Nicole Cristine Rigonato Oliveira, Aurilélia Aparecida Brito, Erasmo Assumpção Neto, Elias El Mafarjeh, Nilsa Regina Damaceno Rodrigues, Marco Idzko, Ana Paula Ligeiro de Oliveira, Rodolfo de Paula Vieira, Speaker to be confirmed

**Utility of the total step count during the 6-minute walk test in COPD**

Akito Yamamoto, Taisuke Akamatsu, Yuko Tanaka, Hirofumi Watanabe, Yoshinari Endo, Yukiko Shimoda, Takahito Suzuki, Ichiro Hayashi, Shogo Sakurai, Mika Saigusa, Yuichiro Shishido, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Toshihiro Shirai, Speaker to be confirmed

**Aerobic exercise reduces asthma phenotype by inhibition of JAK2, SOCS3 and STAT6 in airway epithelium and in peribronchial leukocytes**

Maysa Rangel, Ana Roberta Almeida-Oliveira, Jefferson Comin Jonco Aquino-Junior, Adriano Renno, Manoel Carneiro Oliveira-Junior, Adilson Santos Andrade-Sousa, Erasmo Assumpcao-Neto, Aurilélia Aparecida-Brito, Nicole Cristine Rigonato-Oliveira, Ana Paula Ligeiro de Oliveira, Rodolfo Paula Vieira, Speaker to be confirmed

**Evaluation of the 6-minute walk test's learning effect in a respiratory rehabilitation setting**

Filipa Ramalho Fernandes, João Parreira, Gonçalo Samouco, Margarida Maurício, Luís Vaz Rodrigues, Speaker to be confirmed

**Abdominal functional electrical stimulation training to improve peak cough flow**

Yukako Okuno, Sayuri Horikawa, Hirotaka Ohse, Kazuhide Tomita, Speaker to be confirmed

**The efficacy of moderate-intensity and short-duration inspiratory muscle training for elderly patients with COPD**

Kazuki Okura, Atsuyoshi Kawagoshi, Kazuyuki Shibata, Masahiro Iwakura, Keiyu Sugawara, Hitomi Takahashi, Takeshi Kashiwagura, Mitsunobu Homma, Masahiro Satake, Takanobu Shioya, Speaker to be confirmed

**Routine IMT within COPD Rehabilitation (RIMTCORE-RCT): Are there subgroups with clinical benefits?**

Konrad Schultz, Danijel Jelusic, Michael Wittmann, Veronika Huber, Benjamin Krämer, Sebastian Fuchs, Silke Wingart, Nicola Leibert, Michael Schuler, Speaker to be confirmed

**Evaluation of anti-aging klotho protein in COPD rehabilitation**

Judit Páková, Imre Barta, Zsuzsanna Balogh, Mária Kerti, Orsolya Drozdovszky, Ildikó Horváth, János Varga, Speaker to be confirmed

**Cardiometabolic benefit of exercise training in obese OSA: Respective impact of non-invasive ventilation and respiratory muscle training in a randomized controlled trial**

Isabelle Vivodtzev, Renaud Tamisier, Marilie Croteau, Angélique Grangier, Jean-Christian Borel, Anne-Laure Borel, Bernard Wuyam, Patrick Levy, Caroline Minville, Frédéric Sériès, François Maltais, Jean-Louis Pépin, Speaker to be confirmed

**Dynamic hyperinflation is not the main limiting factor during exercise in obese asthmatics**

Celso Fernandes de Carvalho, Palmira Gabriele Ferreira, Patricia Duarte Freitas, Aline Grandi Silva, Rafael Stelmach, Alberto Cukier, Frederico Leon Arrabal Fernandes, Milton Arruda Martins, Speaker to be confirmed

**Challenges for exercise therapy for severe asthma: A healthcare professional perspective**

Stacey Hewitt, Lindsay Apps, Nicky Hudson, Murphy Anna, Peter Bradding, Ruth Green, Sally Singh, Rachael Evans, Speaker to be confirmed

**Quality of resistance training description in COPD trials: Study protocol for a systematic review**

Bennie Westra, G. Sander de Wolf, Monique Legemaat, André Nyberg, Eline Bij de Vaate, Faridi van Etten-Jamaludin, Peter Klijn, Speaker to be confirmed

**A systematic review and meta-analysis of the effect of dual versus mono- long-acting bronchodilator therapy on exercise endurance in COPD**

Bhavesh Popat, Sally Majd, Michael Steiner, Charlotte Bolton, Rachael Evans, Speaker to be confirmed

**Influence of body mass index on exercise capacity in pulmonary rehabilitation**

Tajana Jalusic Gluncic, Latinka Basara, Ana Hecimovic, Andrea Vukic Dugac, Marko Jakopovic, Miroslav Samarzija, Speaker to be confirmed

**Changes in exercise capacity in patients with chronic respiratory diseases after pulmonary rehabilitation**

Rita Daniela Peixoto Boaventura, Leonor Meira, Vanessa Santos, Isabel Gomes, Luís Gaspar, Paula Martins, Emilia Araujo, Paulo Viana, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Best abstracts in COPD management**

Chairs :

**What should be part of a comprehensive assessment of COPD?**

Edmé e van den Akker, Erwin Birnie, Alex J. van ' t Hul, Niels H. Chavannes, Maureen P.M.H. Rutten-van Mö lken, Johannes C.C.M. In ' t Veen, Speaker to be confirmed

**Do-not-resuscitate orders as part of advanced care planning in COPD patients**

Jo Raskin, Pascal Van Bleyenbergh, Natalie Lorent, Wim Janssens, Speaker to be confirmed

**Hand held fans for dyspnoea relief in COPD: Physical properties and patient perceptions**

Tracy Smith, Jin-Gun Cho, Mary Robert, John Wheatly, Speaker to be confirmed

**Evaluating a new method of recruitment for participants with chronic obstructive pulmonary disease who have previously declined pulmonary rehabilitation**

Claire Davey, Matthew Hair, Lucinda Longwill, Emma Cassidy, Jane Simpson, Speaker to be confirmed

**Change in lung function and CT lung density in alpha1 antitrypsin deficiency patients under augmentation therapy**

Antó nio Paulo Oliveira Gonç alves Lopes, Carolina Cabo, Antonio Fernandes, Maria Alcide Marques, Sara Elizabeth Freitas, Speaker to be confirmed

**Innovative approach to COPD improves disease impact, quality of life and reduces hospital admissions in Glasgow**

Marianne Milligan, Suzanne Marshall, Rohima Begum, David Anderson, Speaker to be confirmed

**Exploring the association between psychological distress and dyspnea in COPD**

Ingeborg Farver-Vestergaard, Anders Lø kke Ottesen, Elisabeth Bendstrup, Maja O' Connor, Robert Zachariae, Speaker to be confirmed

**Evaluation of an 'emotions and breathlessness' session within a pulmonary rehabilitation programme**

Emma Cassidy, Michael Yates, Jane Simpson, Speaker to be confirmed

**Are COPD patients with chronic dyspnea and attending pulmonary rehabilitation treated with dual bronchodilatation or not?**

Mimi Thyregod, Uffe Bø dtger, Speaker to be confirmed

**Integrated disease management (IDM) intervention for COPD patients has long-term effects on patient activation**

Elena Valerevna Titova, Synnø ve Sunde, Sigurd Steinshamn, Anne Hildur Henriksen, Speaker to be confirmed

**Information exchange between primary care (PC) and secondary care (SC): What is considered important in COPD?**

Edmé e van den Akker, Erwin Birnie, Alex J. van ' t Hul, Niels H. Chavannes, Maureen P.M.H. Rutten-van Mö lken, Johannes C.C.M. In ' t Veen, Speaker to be confirmed

**Australia-modified Karnofsky performance scale in patients with COPD and lung cancer patients: A pooled data analysis**

Carlo Barbetta, Matthew Maddocks, Catarina Ribeiro, Andrew Wilcock, David Currow, Alberto Papi, Jane Phillips, Victoria Allgar, Miriam J. Johnson, Speaker to be confirmed

**Loneliness and lack of social support severely influences patients' quality of life. Secondary findings from our focusgroup study in asthma and COPD patients**

Esther Metting, Thys van der Molen, Janwillem Kocks, Speaker to be confirmed

**Are there any differences between Tunisian and European COPD phenotypes?**

Khadija Ayed, Hamida Kwas, Ines Zendah, Amel Khattab, Saloua Ben Khamsa, Habib Ghedira, Speaker to be confirmed

**Predictive factors of mortality in patients with chronic respiratory failure**

Nadia Keskes, Leila Boussoffara, Habib Khalil, Ali Adhieb, Raouia Ouaja, Jalel Knani, Speaker to be confirmed

**Profile of serum vitamin D levels in stable COPD patients**

Maria da Penha Uchoa Sales, Raul Fava Alencar, Eanes Delgado B Pererira, Isabella Melo Matos, Speaker to be confirmed

**Outcomes from an integrated respiratory and palliative care service at an Australian teaching hospital**  
Natasha Smallwood, Michelle Thompson, Kim Yeoh, Louis Irving, Jennifer Philip, Brian Le, Speaker to be confirmed

**The development of my breathing matters: A digital intervention to improve patient self-management of asthma**  
Ben Ainsworth, Anne Bruton, Lucy Yardley, Mike Thomas, Speaker to be confirmed

**Quality of life of parents with children on home ventilation and long term oxygen therapy**  
Nizam Malik Bali Mahomed, Bilkis Abd. Aziz, Mohd. Rizal Abd. Manaf, Norzila Mohamed Zainudin, Speaker to be confirmed

**Psychosomatic disorders correction in COPD patients**  
Yanina Galetskayte, Svetlana Ovcharenko, Beatrice Volel, Dmitriy Pushkarev, Speaker to be confirmed

12:50 - 14:40

## Thematic Poster: Imaging Of COPD and airways, structural and functional assessment

### Chairs :

**Bronchiectasis in patients with alpha1-antitrypsin deficiency: prevalence and characteristics**  
Rosaria Cortese, Maria Chiara Mennitti, Francesca Mariani, Davide Piloni, Stefano Aliberti, Stefania Ottaviani, Ilaria Ferrarotti, Angelo Corsico, Speaker to be confirmed

**Determination of mild emphysema on computed tomography and chest X-ray**  
Reza Karimi, Ioanna Kotortsis, Åsa M Wheelock, Sven Nyren, Magnus C. Skögl, Speaker to be confirmed

**Quantitative analysis of combination bronchodilator therapy effect in patients with chronic obstructive pulmonary disease using multi-detector computed tomography**  
Misuzu Yahaba, Naoko Kawata, Ken Iesato, Yoriko Sakurai-Iesato, Yukiko Matsuura, Jun Ikari, Yuji Tada, Koichiro Tatsumi, Speaker to be confirmed

**Proximal and peripheral airway morphologic changes in elderly patients with asthma with fixed airflow obstruction and COPD**  
Prapaporn Pornsuriyasak, Chayanin Thongprasert, Theerasuk Kawamatawong, Naparat Amornputtisathaporn, Thitiporn Suwatanapongched, Speaker to be confirmed

**Pulmonary artery to aorta ratio and mortality risk in the general population: The Rotterdam study**  
Natalie Terzikhan, Lies Lahousse, Daniel Bos, Lennard Wolff, Katia Verhamme, Oscar Franco, Bruno Stricker, Aad van der Lugt, Guy Brusselle, Speaker to be confirmed

**Fatty liver infiltration in patients with COPD. An ECLIPSE cohort study**  
Mickael Martin, Natalie Almeras, Jean-Pierre Després, Harvey O Coxson, George R. Washko, Isabelle Vivodtzev, Emiel F.M. Wouters, Erica Rutten, Michelle Williams, John Murchison, William MacNee, Don D. Sin, François Maltais, Speaker to be confirmed

**Comparison of <sup>3</sup>He and <sup>129</sup>Xe MRI for evaluation of lung microstructure and ventilation at 1.5 T**  
Neil Stewart, Ho-Fung Chan, Paul Hughes, Guilhem Collier, Felix Horn, Graham Norquay, Juan Parra-Robles, Denise Yates, Paul Collini, Rod Lawson, Helen Marshall, Jim Wild, Speaker to be confirmed

**Ventilation CT: Voxel-level comparison with HP gas MRI**  
Bilal Tahir, Helen Marshall, Paul Hughes, Neil Stewart, Felix Horn, Guilhem Collier, Graham Norquay, Kerry Hart, James Swinscoe, Matthew Hatton, Jim Wild, Rob Ireland, Speaker to be confirmed

**Regional phase III slope measurement using hyperpolarized gas MR imaging**  
Felix Horn, Guilhem Collier, Ho-Fung Chan, Neil Stewart, Jim Wild, Speaker to be confirmed

**Validation of computational fluid dynamics simulations in image-based airway models with magnetic resonance imaging**  
Guilhem Collier, Kim Minsuok, Chung Yongmann, James Wild, Speaker to be confirmed

**Variability in lung volume dependent changes in lobar-based pulmonary blood volume in a COPD population**  
Youbing Yin, John Newell, Juerg Tschieren, Jered Sieren, Graham Barr, Susan Wood, Eric Hoffman, Speaker to be confirmed

**One year stability and sex differences in a 5 path analysis of the normal human airway tree via QCT: SPIROMICS cohort**  
Eric Hoffman, Juerg Tschirren, Jered Sieren, Youbing Yin, Graham Barr, MeiLan Han, Alejandro Comellas, Fernando Martinez, David Couper, John Newell, Speaker to be confirmed

**Normal human airway dimensions and branching geometry assessed via QCT for 5 standardized paths**

Juerg Tschirren, Jered Sieren, Youbing Yin, John Newell, David Naidich, Susan Wood, Eric Hoffman,  
Speaker to be confirmed

**A robust lung segmentation algorithm using fuzzy C-means method from HRCT scans**

Emine Doganay, Levent Kart, Hatice Kutbay Özcelik, Sadik Kara, Speaker to be confirmed

**A functional imaging study to evaluate aortic inflammation in OSA subjects**

Marie Fisk, Divya Mohan, Joseph Cheriyan, Carmel M. McEniery, John R. Cockcroft, Ruth Tal-Singer, Ian B. Wilkinson, Michael I. Polkey, Speaker to be confirmed

**Early CT findings following bronchial thermoplasty**

Marie-Pierre Debray, Marie-Christine Dombret, Loubna Alavoine, Gabriel Thabut, Marina Pretolani, Pierre-Yves Brillet, Camille Taillé, Antoine Khalil, Pascal Chanez, Michel Aubier, Speaker to be confirmed

**HRCT features in children with severe asthma in a regional centre - A retrospective analysis**

Lubna Wajid, Ian Sinha, Musa Kaleem, Mohamed Tawil, Speaker to be confirmed

**<sup>2</sup>A study of anatomical variations in fissures and bronchial tree branching in the lung by CT scan<sup>2</sup>**

Vishnu Sharma, Manjunath, Praveen John, Speaker to be confirmed

**Hyperpolarised xenon-129 MRI (129Xe-MRI) of lung in healthy adult volunteers**

Shahideh Safavi, Steven Hardy, Brett Haywood, Michael Barlow, Ian Hall, Speaker to be confirmed

**Does hiatal hernia cause bronchiectasis?**

Ege Gulec Balbay, Elif Nisa Ünüvar, Ali Nihat Annakkaya, Öner Balbay, Mehmet Köksal, Alp Alper Safak, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Bronchoscopy: from diagnostic to treating airleaks****Chairs :****Towards quick and easy bronchial occlusion with silicon spigots: A new technique using guide sheath and curette**

Yasuyuki Mizumori, Yasuharu Nakahara, Katsuya Hirano, Ryota Kominami, Yasushi Fukuda, Yasutaka Onishi, Tomohiro Kato, Kenji Hanaoka, Ryogo Kagami, Rinko Katsuda, Yoko Yokoi, Kouhei Miyake, Hiroaki Tsukamoto, Shin Sasaki, Tetsuji Kawamura, Yoshiro Mochiduki, Speaker to be confirmed

**A plugging device for the occlusion of acquired tracheobronchial esophageal fistuls: An experimental study in minipig models**

Zhicheng Zhong, Jing Li, Speaker to be confirmed

**Endoscopic treatment of bronchopleural fistula using trichloroacetic acid**

Maria Francisca Teixeira Lopes, Tiago Abreu, Leonor Mota, Júlio Semedo, Cristina Bárbara, Speaker to be confirmed

**Endobronchial valve placement as a treatment of persistent pulmonary air leak**

Laura Rodriguez Pons, Agnes Hernández Biette, José Sanz Santos, Enrique Cases Viedma, Felipe Andreo Garcia, Carlos Martínez Barenys, Raquel Martínez Tomás, Pedro E. López De Castro Aluje, Carmen Angela Centeno Clemente, Juan Ruiz Manzano, Speaker to be confirmed

**Successful bronchoscopic drainage of lung abscesses using a pigtail catheter**

Avraham Unterman, Oren Fruchter, Dror Rosengarten, Nader Abdel-Rahman, Mordechai R. Kramer, Speaker to be confirmed

**Is conventional 19G TBNA needle useful?**

Ajay Lall, Umang Shah, Andleeb Abrari, Nitin Dayal, Palak Brahmhatt, Speaker to be confirmed

**Safety of sedation with propofol addition in flexible bronchoscopy**

Evgeni Gershman, Benjamin Daniel Fox, Oren Fruchter, Nader Abed El Rahman, Mordechai Ruven Kramer, Speaker to be confirmed

**The use of dexmedetomidine as a sedative during flexible bronchoscopy**

Gerasimos Lekatsas, Irimi Lambiri, Georgios Prinianakis, Stylianos Michelakis, Nikolaos Tzanakis, Georgios Pitsidianakis, Dimitrios Georgopoulos, Speaker to be confirmed

**Treatment option in recurrent respiratory papillomatosis (RRP) needing frequent deobstruction**

Ajay Lall, Jaya Kumar, Umang Shah, Speaker to be confirmed



**Prospective study of comparison of hot versus cold biopsy forceps in the diagnosis of endobronchial lesions**

Isabelle Rault, Damien Basille, Nathalie Trouillet, Claire Andrejak, Jean Baptiste Obstler, Nathalie Plouvier, Laure Andre, Sabrina Lenel, Florence Le Meunier, Remi Suguenot, Emmanuelle Lecuyer, Houcine Bentayeb, Karim Boulanour, Vincent Jounieux, Charles Dayen, Youcef Douadi, Speaker to be confirmed

**Valvular bronchial blocking in the treatment of cavitary pulmonary tuberculosis (CPTB)**

Igor Motus, Igor Medvinsky, Elena Kildyusheva, Glafira Zaletaeva, Sergey Scornyakov, Speaker to be confirmed

**Role of flexible bronchoscopy in children with recurrent pneumonia**

Hafizah Zainuddin, N. Fafwati Mohammad, Norzila M. Zainudin, Asiah Kassim, Speaker to be confirmed

**Capnography monitoring the hypoventilation during the induction of bronchoscopic sedation**

Ting-Yu Lin, Yueh-Fu Fang, Shih-hao Huang, Han-Pin Kuo, Yu-Lun Lo, Speaker to be confirmed

**Bronchoscopy in the HIV era – 66 months in review**

Maria Antónia Glória Galego, Catarina Oliveira Paulo, Daniela Rodrigues, Sofia Jordão, Joana Amado, Isabel Neves, Jorge Ferreira, Speaker to be confirmed

**Nebulized versus standard local application of lidocain during flexible bronchoscopy – A randomized controlled trial**

Tobias Mueller, Christian Cornelissen, Annegret Müller, Michael Dreher, Speaker to be confirmed

**Different sedation practices in a bronchoscopy unit. Does it really matter?**

Eleanor Gerada, John Xuereb, Portelli Luke, Yana Marie Dimech, Liberato Camilleri, Speaker to be confirmed

**BODE index improves after endobronchial valve treatment in patients with emphysema without interlobar collateral ventilation**

Karin Klooster, Nick H.T. Ten Hacken, Jorine E. Hartman, Dirk-Jan Slebos, Speaker to be confirmed

**A single-center comparison of the cost analyses of different volume reduction-therapy methods in the treatment of emphysema**

Bayram Metin, Yavuz Selim Intepe, Mahmut Kilic, Sener Yildirim, Erdogan Cetinkaya, Speaker to be confirmed

**Endobronchial valve in complex treatment of patients with destructive pulmonary TB/HIV co-infection**

Denis Krasnov, Yana Petrova, Sergei Skluev, Irina Felker, Vladimir Krasnov, Nikolay Grischenko, Speaker to be confirmed

**Positive airway pressure-enhanced CT to improve virtual bronchoscopic navigation**

Marta A. Diez-Ferrer, Debora Gil, Elena Carreño, Susana Padrones, Samantha Aso, Vanesa Vicens, Noelia Cubero, Rosa Lopez-Lisbona, Carles Sanchez, Agnes Borrás, Antoni Rosell, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: IPF: from pathogenesis to treatment****Chairs :****Fibroblasts from IPF explanted lungs have mitochondrial dysfunction and short telomeres leading to an increased senescence phenotype**

Diana Alvarez, Nayra Cardenes, Catherine Corey, Vidya Hanumanthu, Hanna D'Almeida Cunha, Marta Bueno, John Sembrat, Mary Armanios, Ana Mora, Mauricio Rojas, Speaker to be confirmed

**Anti-fibrotic efficacy of nintedanib on pulmonary fibrosis via suppression of fibrocyte activity**

Shun Morizumi, Seidai Sato, Shuichi Abe, Hiroyasu Okazaki, Yanjuan Chen, Hisatsugu Goto, Yoshinori Aono, Hirohisa Ogawa, Masaki Hanibuchi, Hisanori Uehara, Yasuhiko Nishioka, Speaker to be confirmed

**Anti-parietal cell autoimmunity in IPF patients**

Guillaume Beltramo, Nicolas Peron, Pascale Nicaise, Claire Danel, Marie-Pierre Debray, Pauline Pradère, Aurélien Justet, Raphaël Borie, Marie-Christine Dombret, Camille Taillé, Michel Aubier, Bruno Crestani, Speaker to be confirmed

**Thyroid hormone inhibits pulmonary fibrosis through enhancement of mitochondrial function in alveolar epithelial cells**

Argyris Tzouvelekis, Guoying Yu, Jose Herazo-Maya, Rong Wang, Joao Pedro S. Werneck de Castro, Giuseppe DeLuliis, Farida Ahangari, Tony Woolard, Rafael Arrojo e Drigo, Robert Homer, Anup Srivastava, Erica Herzog, Patty Lee, Antonio Bianco, Naftali Kaminski, Speaker to be confirmed

**Glutathione peroxidase 3 localizes to the epithelial lining fluid and the extracellular matrix in lung fibrosis**

Andrea Schamberger, Herbert Schiller, Isis Fernandez, Martina Sterclova, Katharina Heinzelmann, Elisabeth Hennen, Rudolf Hatz, Jürgen Behr, Martina Vasakova, Matthias Mann, Oliver Eickelberg, Claudia Staab-Weijnitz, Speaker to be confirmed

**Interferon-pretreated human MSC show improved efficiency in humanized mice model of pulmonary fibrosis**

Ming Liu, Ke Ni, Jian Zheng, Speaker to be confirmed

**Effects of NecroX compounds on bleomycin-induced pulmonary fibrosis**

Yong Chul Lee, So Ri Kim, Kyung Bae Lee, Hae Jin Park, Soon Ha Kim, Speaker to be confirmed

**New therapies in IPF: The Hammersmith Hospital experience**

Robina K. Coker, Philip W. Ind, Speaker to be confirmed

**Nintedanib in IPF: The real-life experience of Siena Referral Center**

Elena Bargagli, Annalisa Fui, Lucrezia Pianigiani, Martina Salvini, Maria Grazia Pieroni, Paola Rottoli, Speaker to be confirmed

**Effect of nintedanib on cough and health related quality of life in patients with idiopathic pulmonary fibrosis**

Mirjam van Manen, Nelleke Tak, Henk Hoogsteden, Marlies Wijsenbeek, Speaker to be confirmed

**Intolerance of pirfenidone and its associated factors in the real world**

Shunsuke Teraoka, Daichi Fujimoto, Munehiro Ito, Yoshihiro Nakagawa, Jiro Ito, Mariko Kogo, Yuki Sato, Kato Ryoji, Kazuma Nagata, Atsushi Nakagawa, Kojiro Otsuka, Yukimasa Hatachi, Keisuke Tomii, Speaker to be confirmed

**Pirfenidone in patients with advanced idiopathic pulmonary fibrosis: First experience**

Filip Hoet, Jonas Yzerbyt, Wim A. Wuyts, Speaker to be confirmed

**Onset of symptoms in idiopathic pulmonary fibrosis: A case-control study**

Thomas Hewson, Tricia McKeever, Jack Gibson, Richard Hubbard, John Hutchinson, Speaker to be confirmed

**The effect of emphysema in patients with idiopathic pulmonary fibrosis; evaluation using quantitative CT analysis**

Hiroaki Nakagawa, Yuichi Higami, Kentaro Fukunaga, Yasuki Uchida, Ruriko Yukimura, Wataru Shigemori, Yumiko Kashiwagi, Masafumi Yamaguchi, Taishi Nagao, Emiko Ogawa, Yasutaka Nakano, Speaker to be confirmed

**Comparison of changes of the King's brief interstitial lung disease questionnaire (K-BILD) with other health status measures**

Monique Wapenaar-deKorver, Amit S. Patel, Surinder S. Birring, Juanita A. Haagsma, Marlies S. Wijsenbeek, Speaker to be confirmed

**Idiopathic pulmonary fibrosis: Gender differences in survival and functional decline. A retrospective study**

Fabián Matias Caro, Martín Eduardo Fernández, María Laura Alberti, Francisco Paulin, Speaker to be confirmed

**HRCT in the evaluation of functional decay in IPF**

Elisabetta Coconcelli, Giulio Barbiero, Paolo Spagnolo, Graziella Turato, Roberta Polverosi, Davide Biondini, Alessia Fraccaro, Piera Peditto, Manuel G. Cosio, Marina Saetta, Elisabetta Balestro, Speaker to be confirmed

**The development of a measure to better understand patient experiences with pirfenidone and nintedanib for the treatment of idiopathic pulmonary fibrosis (IPF)**

Marlies S. Wijsenbeek-Lourens, Merel L. Kimman, Adrienne Rotteveel, Xana van Jaarsveld, Stephanie S. Weinreich, Remy Mostard, Carmen D. Dirksen, Speaker to be confirmed

**Does early diagnosis of idiopathic pulmonary fibrosis matter? Real-world's data from the EMPIRE registry**

Martina Vašková, Martina Sterclova, Jan Kus, Vladimír Bartoš, Marta Hajkova, Martina Doubkova, Veronika Müller, Martina Plackova, Monika Zúrkova, Vladimíra Lostakova, Ladislav Lacina, Vladimír Rihák, František Petřík, Pavlína Lisá, Radka Bittenglova, Dragana Jovanovic, Richard Tyl, Gustav Ondřejka, Hana Suldová, Jaroslav Lnenická, Jana Psikalová, Tomáš Snizek, Jiri Homolka, Renata Kralova, Jan Kervitser, Michal Svoboda, Jana Strenkova, Speaker to be confirmed

**Do typical and atypical HRCT patterns make difference in prognosis of patients with IPF?**

Martina Vašáková, Martina Sterclova, Vladimir Bartos, Martina Doubkova, Martina Plackova, Monika Zurkova, Vladimira Lostakova, Ladislav Lacina, Vladimir Rihak, Frantisek Petrik, Pavlina Lisa, Radka Bittenglova, Richard Tyl, Gustav Ondrejka, Hana Suldova, Jaroslav Lnenicka, Jana Psikalova, Tomas Snizek, Jiri Homolka, Renata Kralova, Jan Kervitzer, Michal Svoboda, Jana Strenkova, Athol Wells, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: ILD clinical****Chairs :****Can current guidelines improve the diagnosis of a usual interstitial pneumonia among general radiologists?**

Onofre Moran Mendoza, Roger Chou, Lisa Jong, Rob Dhillon, Justin Flood, Katarina Janic, Muhannad Hawari, Speaker to be confirmed

**Randomised controlled, crossover trial to evaluate the effects of ambulatory oxygen on health status in patients with fibrotic lung disease**

Dina Visca, Sharon Fleming, Ashi Firouzi, Morag Farquhar, Nicholas Hopkinson, Charlotte Hogben, Winston Banya, Paul Cullinan, Angelo De Lauretis, Maria Kokosi, John Tayu Lee, Rosemarie Lyne, Sarah Agnew, Apollo Kwok, Surinder Birring, Alfredo Chetta, Anne Marie Russell, Peter Saunders, Toby Maher, Athol Wells, Lisa Spencer, Elisabetta Renzoni, Speaker to be confirmed

**Interstitial lung abnormalities in the AGES-Reykjavik study**

Gunnar Gudmundsson, Rachel K. Putman, Tetsuro Araki, Mishuki Nishino, Elias F. Gudmundsson, Sigurdur Sigurdsson, Gudny Eiriksdottir, Thor Aspelund, Lenore J. Launer, Tamara Harris, Ivan O. Rosas, David Schwartz, Hiroto Hatabu, Vilmundur Gudnason, Gary M. Hunninghake, Speaker to be confirmed

**Corticosteroids determine clinical course of IIPs with possible UIP HRCT pattern?**

Toru Arai, Tomoko Kagawa, Chikatoshi Sugimoto, Yumiko Sasaki, Kazunobu Tachibana, Masanori Kitaichi, Takahiko Kasai, Masanori Akira, Seiji Hayashi, Yoshikazu Inoue, Speaker to be confirmed

**Usual interstitial pneumonia pattern in chronic hypersensitivity pneumonitis**

Eva Padrão, Vanessa Santos, Patrícia Caetano Mota, Natália Melo, Rui Cunha, José Miguel Pereira, António Morais, Speaker to be confirmed

**Pulmonary hypertension in interstitial lung disease: Non-invasive assessment for detection and prognosis**

Maria Kokosi, Greg Keir, John Wort, Peter George, Arjun Nair, David Hansell, Simon Walsh, Joseph Jacob, Athol Wells, Speaker to be confirmed

**Surgical lung biopsy for the diagnosis of interstitial lung disease in England: 1997-2008**

John Hutchinson, Tricia McKeever, Andrew Fogarty, Vidya Navaratnam, Richard Hubbard, Speaker to be confirmed

**Novel lung function tests in patients with interstitial lung disease (ILD)**

Frederik Trinkmann, Katharina Roth, Daniel Saur, Martin Borggreffe, Joachim Saur, Julia D. Michels, Speaker to be confirmed

**Impact of lymphocyte differential count in BALF on the mortality of patients with acute exacerbation of idiopathic chronic fibrosing interstitial pneumonia**

Reoto Takei, Shogo Kumagai, Machiko Arita, Tadashi Ishida, Speaker to be confirmed

**The association between functional and HRQOL (K-BILD) outcome measures in IPF and other fibrotic ILDs**

Charles Sharp, Christina Baggott, Heather Lamb, Surinder Birring, Huzaifa Adamali, Speaker to be confirmed

**Study of factors affecting mortality in ILD cases over 2 years**

Sameer Arbat, Amita Athavale, Jairaj Nair, Sneha Tirpude, Anshu Punjabi, Speaker to be confirmed

**Neoplasia in patients with ILD; shortened survival**

Nesrin Mogulkoc, Aysu Sinem Koc, Imren Nesil, Pervin Korkmaz Ekren, Ali Veral, Yasemin Kabasakal, Ahmet Uysal, Feza Bacakoglu, Selen Bayraktaroglu, Speaker to be confirmed

**The King's brief interstitial lung disease (K-BILD) questionnaire; an updated minimal important difference**

Aish Sinha, Amit S. Patel, Richard Siegert, Sabrina Bajwah, Greg Keir, Patrick Gordon, Sophia Steer, Toby M. Maher, Elisabetta A. Renzoni, Athol U. Wells, Irene J. Higginson, Surinder S. Birring, Speaker to be confirmed

**Cryptogenic organizing pneumonia- IL1- , IL-6, IL-8, and TGF- concentrations in serum in patients treated with clarithromycin**

Elzbieta Radzikowska, Paulina Jagus, Adriana Rozy, Elzbieta Wiatr, Joanna Chorostowska-Wynimko, Renata Langfort, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**Clinical value of BAL in the diagnosis of interstitial lung diseases**

Giedre Cincileviciute, Silvija Zemnickiene, Virginija Sileikiene, Laimute Jurgauskiene, Edvardas Danila, Speaker to be confirmed

**Relevance of the expert ILD clinical-radiological evaluation of referred cases to the MDT**

Pilar Rivera Ortega, Patricio Luburich, Roger Llatjos, Vanesa Vicens Zygmunt, Francisca Martinez, Lurdes Planas, Anna Bachs, Javier Narvaez, Ignacio Escobar, Jordi Dorca, Maria Molina Molina, Speaker to be confirmed

**ILD-India registry: Idiopathic pulmonary fibrosis (IPF) and connective tissue disease (CTD) associated interstitial lung disease (CTD-ILD)**

Bridget Collins, Sheetu Singh, Jyotsna Joshi, Deepak Talwar, Sandeep Katiyar, Nishtha Singh, Lawrence Ho, Jai Kumar Samaria, Parthasarathi Bhattacharya, Rakesh Gupta, Sudhir Chaudhari, Tejraj Singh, Vijay Moond, Sudhakar Pipavath, Jitesh Ahuja, Ravindran Chetambath, Alope Ghoshal, Nirmal Kumar Jain, Gayathri Joshy, Surya Kant, Parvaiz Koul, Raja Dhar, Rajesh Swarnkar, Surendra Sharma, Dhruvajyoti Roy, Kripesh Sarmah, Bhavin Jankharia, Rodney Schmidt, Virendra Singh, Ganesh Raghu, Speaker to be confirmed

**Interstitial lung diseases and lung cancer**

Maria Alvarenga Santos, Susana Clemente, Margarida Felizardo, Cláudia Matos, Sofia Tello Furtado, Speaker to be confirmed

**Addition of respiratory hospitalizations 24weeks prior to the ILD-GAP model to predict mortality in chronic interstitial lung disease**

Su-Ying Low, Speaker to be confirmed

**Bronchoalveolar lavage findings in patients with diffuse interstitial lung disease (DILDs)**

Besma Dhahri-Ourari, Lamia Missaoui, Jihen Bamar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouina, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Sarcoidosis****Chairs :****Diagnostic and prognostic value of advanced imaging modalities in patients with suspected cardiac sarcoidosis**

Vasileios Kouranos, Rakesh Sharma, John Baksi, Sanjay Prasad, Rajdeep Khattar, Maria Kokosi, Kshama Wechalekar, Athol Wells, Speaker to be confirmed

**TNF- polymorphism as a prognostic marker for MTX efficacy in progressive pulmonary sarcoidosis**

Anna Goljan Geremek, Monika Czystowska, Agnieszka Skoczylas, Elzbieta Puscinska, Michal Bednarek, Adam Nowinski, Pawel Sliwinski, Speaker to be confirmed

**Risk factors for cardiac involvement in sarcoidosis - A case-control study in 201 Caucasian patients**

Magdalena Martusewicz-Boros, Elzbieta Wiatr, Dorota Piotrowska-Kownacka, Justyna Fijolek, Dariusz Gawryluk, Jacek Grudny, Katarzyna Modrzewska, Urszula Nowicka, Mateusz Polaczek, Elzbieta Radzikowska, Janusz Szopinski, Jolanta Winek, Jolanta Zaleska, Jacek Zych, Janusz Burakowski, Piotr Boros, Jaroslaw Kober, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**A patient-driven sarcoidosis clinic: Improvement of patient compliance and satisfaction**

Ann Vu, Andrew Calzadilla, Liege Diaz, Juan Corral, Kevin Dholaria, Mehdi Mirsaeidi, Speaker to be confirmed

**Efficacy of adalimumab in sarcoidosis patients who developed intolerance to infliximab**

Heleen A. Crommelin, Leone M. van der Burg, Adriane D.M. Vorselaars, Marjolein Drent, Coline H.M. van Moorsel, Ger T. Rijkers, Vera H.M. Deneer, Jan C. Grutters, Speaker to be confirmed

**The neck as mediastinal extension: diagnosis of sarcoidosis by core biopsy of cervical lymph nodes**

Ahmed Fahim, David Rosewarne, Speaker to be confirmed

**Sarcoidosis in the UK: Insights from the BTS interstitial lung disease registry**

Robina K. Coker, William Chang, Nazia Chaudhuri, Sue Copley, Owen Dempsey, Ian Forrest, Michael Gibbons, Ling-Pei Ho, Toby M. Maher, Helen Parfrey, Luca Richeldi, Lisa Spencer, Monica Spiteri, Speaker to be confirmed

**Decreased aortic stiffness in with early grade pulmonary sarcoidosis patients**

Aysel Aydin Kaderli, N. Funda Coskun, Sumeyye Gullulu, Esra Uzaslan, Speaker to be confirmed

**Incidence and prognostic factors for airflow obstruction in sarcoidosis**

Michal Bednarek, Anna Goljan-Geremek, Elzbieta Puscinska, Adam Nowinski, Damian Korzybski, Pawel Sliwinski, Speaker to be confirmed

**The 18F PET/CT scan in patients with chronic sarcoidosis**

Jelica Lj Videnovic-Ivanov, Violeta M. Mihailovic-Vucinic, Dragana Sobic-Saranovic, Isidora Gvozdic, Snezana Filipovic-Stepic, Speaker to be confirmed

**Prevalence of smoking among Polish sarcoid patients**

Elzbieta Puscinska, Anna Goljan Geremek, Elzbieta Radzikowska, Dorota Wyrostkiewicz, Anna Soszka, Adam Nowinski, Michal Bednarek, Pawel Sliwinski, Speaker to be confirmed

**Vitamin D deficiency and activity of sarcoidosis**

Snezana Filipovic, Vucinic Violeta, Videnovic Jelica, Stjepanovic Mihailo, Jandric Aleksandar, Speaker to be confirmed

**-glucan in lymph nodes in sarcoidosis patients**

Marjeta Tercelj, Barbara Salobir, Ragnar Rylander, Speaker to be confirmed

**Polymorphism and copy number variation of FCGR genes in an etiopathogenesis of sarcoidosis**

Anna Dubaniewicz, Marlena Typiak, Krzysztof Rebala, Szymon Nowakowski, Bartlomiej Rekawiecki, Jan Marek Slominski, Speaker to be confirmed

**Neutrophil phagocytic activity in differentiating tuberculosis from sarcoidosis**

Oskar Okuniewski, Katarzyna Wozniak, Bartlomiej Rekawiecki, Jan Slominski, Dariusz Swietlik, Anna Dubaniewicz, Speaker to be confirmed

**Promoter polymorphism of the AGT gene is associated with both idiopathic pulmonary fibrosis (IPF) and sarcoidosis in Russian patients**

Anna Ulitina, Lubov' Novikova, Olga Baranova, Julia Ilkovich, Tatiana Makarova, Mikhail Ilkovich, Mikhail Dubina, Speaker to be confirmed

**Functional influence of Fc RIIa on CR3 in the etiopathogenesis of sarcoidosis**

Bartlomiej Rekawiecki, Marlena Typiak, Katarzyna Wozniak, Oskar Okuniewski, Hanna Majewska, Krzysztof Rebala, Anna Dubaniewicz, Speaker to be confirmed

**Mortality and survival predictor in chronic hypersensitivity pneumonitis**

Inigo Ojanguren Arranz, Ferran Morell, Ana Villar, Christian Romero, Marí a Antonia Ramó n, Marí a Jesus Cruz, Xavier Muñ oz, Speaker to be confirmed

**Statin-induced lung diseases**

Kristina Lalic, Jasna Tekavec Trkanjec, Marija Š imic, Neven Tudoric, Speaker to be confirmed

**Immunosuppressive treatment is not a predictor of mortality after surgical lung biopsy for interstitial lung disease**

Katarzyna Furrer Wacker, Christian Nebiker, Lilian Junker, Simona Lazdinyte, Spasenija Savic, Katrin Hostettler, Desiree Schumann, Joerg Halter, Michael Tamm, Didier Lardinois, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Asthma management in primary care****Chairs :****The predictive value of symptoms for asthma diagnosis and inhaled steroid treatment response**

Matthew Martin, Emma Wilson, Dominick Shaw, Tim Harrison, Speaker to be confirmed

**The contribution of an asthma diagnostic consultation service (ADCS) in obtaining an accurate asthma diagnosis for primary care patients**

Frank W.J.M. Smeenk, Ruby Gillis, Walter van Litsenburg, Roland H.H. van Balkom, Jean W. Muris, Speaker to be confirmed

**Validity of the IPAG questionnaire for asthma screening in Ho Chi Minh City, Vietnam**

Quoc Bao Le, Tuyet Lan Thi Le, Speaker to be confirmed

**Evaluating the usefulness of fractional exhaled nitric oxide and forced oscillation technique in clinical practice**

Haruko Saiki, Osamu Hataji, Yoichi Nishii, Kentaro Ito, Tadashi Sakaguchi, Corina D' Alessandro-Gabazza, Esteban Gabazza, Tetsu Kobayashi, Osamu Taguchi, Speaker to be confirmed

**The role of adherence to inhaled corticosteroids (ICS) in the relationship between blood eosinophilia and asthma control**

Alberto Papi, Dermot Ryan, Joan Soriano, Henry Chrystyn, Leif Bjermer, Roberto Rodríguez-Roisin, Myrna Dolovich, Mark Harris, Bakhtiyor Khalikulov, David Price, Speaker to be confirmed

**Asthma ICs prescriptions in primary care in France and the United Kingdom: Are they similar?**

Eric van Ganse, Laurent Laforest, Sandrine Herbage, Maëva Nolin, Alexandra L. Dima and the ASTROLAB Group, Speaker to be confirmed

**Asthma prescribing practices, ethnicity and risk of hospital admission: An analysis of linked primary and secondary care records in East London**

Sally Hull, Kate Homer, Shauna McKibben, Stephanie Taylor, Katy Pike, Chris Griffiths, Speaker to be confirmed

**Quality of life and asthma control in elderly asthmatics: A seven year follow-up – Results from the PRAXIS study**

Björn Ståhlberg, Joyce Hogebrug, Christer Janson, Mary Kämmpe, Scott Montgomery, Tjard Schermer, Josefin Sundh, Karin Lisspers, Speaker to be confirmed

**The impact of incentives on the implementation of asthma or diabetes self-management: A systematic review**

Tracy Jackson, Liam Heaney, Mike Shields, Chi Yan Hui, Hilary Pinnock, Speaker to be confirmed

**Comorbidity and mortality in Swedish asthma patients 2006 – 2013 - An observational register study (PACEHR)**

Karin Lisspers, Christer Janson, Kjell Larsson, Gunnar Johansson, Gunilla Telg, Georgios Stratelis, Marcus Thuresson, Björn Ståhlberg, Speaker to be confirmed

**Validating app and 1-week version of the 'control of allergic rhinitis and asthma test' (CARAT)**

Corina de Jong, Thys van der Molen, Jorn de Kroon, Ellen van Heijst, Ioanna Tsiligianni, Joao Fonseca, Bertine Flokstra-de Blok, Speaker to be confirmed

**Cutpoints of the 'control of allergic rhinitis and asthma test' (CARAT) subscales**

Corina de Jong, Thys van der Molen, Martijn Oudkerk, Ellen van Heijst, Ioanna Tsiligianni, Joao Fonseca, Bertine Flokstra-de Blok, Speaker to be confirmed

**Supported asthma self-management: A systematic overview from a service perspective**

Luke Daines, Maria Panagioti, Hannah Parke, Gemma Pearce, Eleni Epiphaniou, Stephanie Taylor, Hilary Pinnock, Speaker to be confirmed

**Explanatory factors enhancing the adoption of asthma self-management behaviour in South Asian and Black populations: A systematic review**

Salina Ahmed, Stephanie Taylor, Hilary Pinnock, Liz Steed, Speaker to be confirmed

**Asthma knowledge, control and quality of life in ethnically diverse communities**

Michael J. Abramson, Ching Shan Wan, Francis Thien, Mark Hew, Rosalie Aroni, Speaker to be confirmed

**Assessment of factors influencing adherence to asthma treatment among 12-17 year olds: A multi-national survey in France, Germany, Spain and United Kingdom**

Kristine Sorensen, Anam Ahmad, Antje Finkwagner, Helmut Brand, Speaker to be confirmed

**Reason for non-compliance to inhaled medications among adult patients of asthma and COPD attending outpatient department in a tertiary care hospital**

Sarfaraz Jamal, Balakrishnan Menon, Mohammad Yousoof, Harsh Vardhan, Speaker to be confirmed

**What is the level of knowledge and its impact on attitude and practices amongst asthmatic patients in India?**

Sapna Madas, Jyoti Londhe, Sundeep Salvi, Speaker to be confirmed

**Mapping cultural webs in primary and secondary care: Identify barriers to integrated respiratory care**

Ellie Lanning, Jayne Longstaff, Marion Lynch, Thomas Jones, Anoop Chauhan, Speaker to be confirmed

**Evaluation of novel augmented reality based mobile application to record peak expiratory flow rates**

Rahul Kodgule, Daniel Chamberlain, Yogesh Thorat, Vandana Das, Rich Fletcher, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Managing multimorbidity and lifestyle change in primary care

Chairs :

**The prevalence of influenza vaccination among elderly attending to a chest disease outpatient clinic and associated factors with vaccination**

Burcu Arpinar Yigitbas, Elif Tanriverdi, Celal Satici, Canan Gündüz, Speaker to be confirmed

**Prevalence and predictors of electronic cigarette use by patients with COPD in the Birmingham COPD cohort**

Amanda Farley, Kiran Kalirai, Rachel Jordan, Alexandra Enocson, Andy Dickens, David Fitzmaurice, Peymane Adab, Speaker to be confirmed

**A development study of pulmonary rehabilitation for patients with chronic lung disease in Uganda**

Rupert Jones, Bruce Kirenga, Jill Pooler, Wincelas Katagira, Richard Kasiita, Doyo Gagn Enki, Siobhan Creanor, Andrew Barton, Alphonse Okwera, William Worodria, Sally Singh, Speaker to be confirmed

**Prevalence of sleep apnoea and its associated impact on quality of life in a primary care COPD population**

Andy Dickens, Alexandra Enocson, Rachel Jordan, David Fitzmaurice, Peymane Adab, Speaker to be confirmed

**Prevalence of excessive daytime sleepiness and obstructive sleep apnea risk in a large line of primary health care users**

Apostolos Manolis, Grigorios Trypsianis, Eleni Leontidou, Eleni Perantoni, Maria Xanthoudaki, Evangelia Nena, Paschalis Steiropoulos, Speaker to be confirmed

**Diagnostic delay and misdiagnosis in interstitial lung disease(ILD) at primary health care level**

K.K. Mujeeb Rahman, Speaker to be confirmed

**Comparison of adherence to BTS quality standards for bronchiectasis between primary and secondary care in the UK**

Patrick Haslam, Lauren Gowland, Tania Wood, Timothy Gatheral, Speaker to be confirmed

**Efficacy and response predictors of inhaled corticosteroid treatment on chronic cough**

Seung Hun Jang, Joo-Hee Kim, Sunghoon Park, Yong Il Hwang, Ki-Suck Jung, Chang Youl Lee, Speaker to be confirmed

**Prevalence of cough and its associated diagnoses among 204,912 patients seen in primary care (PC) in India**

Komalkirti Apte, Sapna Madas, Monica Barne, Sushmeeta Chhowala, Jaideep Gogtay, Sundeep Salvi, Speaker to be confirmed

**Prevalence of pneumonia reported by primary care physicians (PCPs) in India: Results of a 1-day point prevalence study in 880 urban cities and towns in India**

Komalkirti Apte, Sapna Madas, Monica Barne, Sushmeeta Chhowala, Jaideep Gogtay, Sundeep Salvi, Speaker to be confirmed

**Patients and caregivers agreement in dyspnea assessment in pulmonology**

Sabrina Urso, Juliette Guislain, Antoine Fremault, Céline Denoble, Gregory Reychler, Speaker to be confirmed

**Effect of ICS on glycaemic control in patients with COPD and comorbid type 2 diabetes: Historical case-matched cohort study**

Richard Russell, David Price, Rafael Mares, Anne Burden, Derek Skinner, Helga Mikkelsen, Niels H. Chavannes, Janwillem W.H. Kocks, Jeffrey W. Stephens, John Haughney, Speaker to be confirmed

**The prevalence of comorbidities in COPD patients and their impact on quality of life and COPD symptoms in primary care patients - An UNLOCK study from the IPCRG**

Bjorn Stallberg, Pedro Teixeira, Coert Blom, Karin Lisspers, Ioanna Tsiligianni, Rachel Jordan, Miguel Román-Rodríguez, Nanne Kleefstra, Oleksii Korzh, David Price, Niels Chavannes, Speaker to be confirmed

**Characterization of ACOS patients in a pulmonary outpatient consultation – Applying the questionnaire proposed by GINA/GOLD consensus**

Daniela Rodrigues, Maria Antónia Galego, Marta Teixeira, Ana Paula Vaz, Jorge Ferreira, Speaker to be confirmed

**Comorbidities in Swedish COPD and non-COPD patients: ARCTIC study**

Bjorn Stallberg, Christer Janson, Kjell Larsson, Gunnar Johansson, Konstantinos Kostikas, Jean-Bernard Gruenberger, Leif Jorgensen, Patrick Sobocki, Karin Lisspers, Speaker to be confirmed

**Association between chronic comorbidity and exacerbation rate in primary care COPD patients. Preliminary analysis of real-life general practice data (PROSPECT1)**

Janine A.M. Westerik, Esther Metting, Job F.M. van Boven, Waling Tiersma, Janwillem Kocks, Tjard Schermer, Speaker to be confirmed

**Mild cognitive impairment in chronic obstructive pulmonary disease and chronic heart failure: A systematic review and meta-regression analysis**

Abebaw Yohannes, Wenjia Chen, Ana Moga, Iracema Leroi, Martin Connolly, Speaker to be confirmed

**Comorbidities and quality of life in obstructed adults in a primary care setting**

Salvatore Bucchieri, Palma Audino, Fabio Cibella, Pietro Alfano, Mario Raphael Melis, Salvatore Marcantonio, Giuseppina Cuttitta, Snamid Cooperative Group, Speaker to be confirmed

**The minimal clinically important difference for COPD health status tools measured with global ratings of change during different time periods**

Harma Alma, Corina de Jong, Danijel Jelusic, Michael Wittmann, Michael Schuler, Janwillem Kocks, Konrad Schultz, Thys van der Molen, Speaker to be confirmed

**Mild cognitive impairment in chronic obstructive pulmonary disease and chronic heart failure: A systematic review and meta-analysis**

Abebaw Yohannes, Wenjia Chen, Ana Moga, Iracema Leroi, Martin Connolly, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Molecular targets in pulmonary disease**

Chairs :

**Metabolomics profiling identifies female-selective upregulation of oxidative stress in individuals with COPD**

Shama Naz, Johan Kolmert, Mingxing Yang, Magnus Sköld, Åsa Wheelock, Craig Wheelock, Speaker to be confirmed

**Differential bronchial epithelial gene expression in COPD versus controls**

Maria Soler Artigas, Anna Esteve, Gian Andri Thun, Chris Newby, Louise Wain, Martin Tobin, Simon Heath, Ivo Gut, Dave Singh, Loems Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

**Parallel activation of autophagy and myogenesis during muscle mass recovery following disuse-atrophy**

Anita Kneppers, Nicholas Pansters, Pieter Leermakers, Lex Verdijk, Luc van Loon, Annemie Schols, Ramon Langen, Speaker to be confirmed

**The role of histone deacetylase 2 (HDAC2) and glucocorticoid receptor (GR) isoforms in patients with asthma-COPD overlap syndrome (ACOS)**

Elena Vsevolodskaia, Zhanna Mironova, Anna Ulitina, Vasily Trofimov, Sophia Pchelina, Michael Dubina, Speaker to be confirmed

**Rare A1AT variants in Polish patients with chronic respiratory disorders – Data from 2013 to 2016**

Katarzyna Duk, Aneta Zdral, Radoslaw Struniawski, Beata Szumna, Adriana Rozy, Joanna Chorostowska-Wynimko, Speaker to be confirmed

**Microbes mediated host innate immune response in idiopathic pulmonary fibrosis**

Yong Huang, Shwu-Fan Ma, Rekha Vij, Justin Oldham, Gary Huffnagle, John Erb-Downward, Kevin Flaherty, Beth Moore, Eric White, Tong Zhou, Jianrong Li, Yves Lussier, MeiLan K. Han, Milena Espindola, Joe G.N. Garcia, Cory Hogaboam, Fernando J. Martinez, Imre Noth, For the COMET Investigators, Speaker to be confirmed

**Identification of a novel SERPINA-1 mutation causing alpha-1 antitrypsin deficiency in a patient with severe dyspnea**

Victoria Lorenzon, Soledad Saez, Alejandra Pereyra, Jose Oyhamburu, Patricia Sorroche, Speaker to be confirmed

**Plasma levels of TIPM-2 in patients with COPD**

Tanya Tacheva, Dimo Dimov, Yoana Georgieva, Vanya Ilieva, Atanas Koychev, Tatyana Vlaykova, Speaker to be confirmed

**The first designed PCR-RFLP technique for butyrophilin-like 2 rs2076530 polymorphism in sarcoidosis**

Alireza Javadi, Masoud Zarei, Masoud Shamaei, Arda Kiani, Atefeh Abedini, Makan Sadr, Mihan Pourabdollah, Speaker to be confirmed

**Level of soluble molecules of major histocompatibility complex CLASS II in serum, sputum and exhaled breath condensate in COPD of patients with an exacerbation of COPD**

Igor A. Klimanov, Svetlana Soodaeva, Timur Li, Nailya Kubysheva, Larisa Postnikova, Viktor Novikov, Lidiya Nikitina, Speaker to be confirmed

**Targeting the hippo effector YAP overcomes the de novo and acquired resistances to EGFR-TKI in lung adenocarcinoma**

Chaek Chung, Dahye Lee, Ju Ock Kim, Sun Young Kim, Jeong Eun Lee, Jea Young Moon, Yeon Hee Park, Sung Soo Jung, Dong Il Park, Speaker to be confirmed



**Differential regulation of cytokine production is mediated by IL-17 in obese children with obstructive sleep apnoea**

Shahram Golbabapour, Muhammad Yazid Jalaludin, Azriyanti Anuar Zaini, Anna Marie Nathan, Jessie Anne De Bruyne, Karuthan Chinna, Anura Michelle Manuel, Surendran Thavagnanam, Speaker to be confirmed

**Are Vitamin D receptor genetic polymorphisms associated with chemotherapy response and prognosis in patients with advanced non-small-cell lung cancer?**

Sonia Toujani Chekki, Jouda Cherif, Wajih Kaabachi, Houda Snene, Meriem Mjid, Yacine Ouhachi, Nozha Ben Salah, Bechir Louzir, Nadia Mehiri, Kamel Hamzaoui, Majed Beji, Speaker to be confirmed

**In vivo genome editing using nuclease-encoding mRNA corrects SP-B deficiency**

Alexander Dewerth, Azita Mahiny, Lauren E. Mays, Mohammed Alkahled, Benedikt Mothes, Emad Malaeksefat, Brigitta Loretz, Jennifer Rottenberger, Darina M. Brosch, Philipp Reautschnig, Pacharapan Surapolchai, Franziska Zeyer, Andrea Schams, Melanie Carevic, Martina Bakele, Matthias Griesse, Matthias Schwab, Bernd Nürnberg, Sandra Beer-Hammer, Rupert Handgretinger, Dominik Hartl, Claus-Michael Lehr, Michael S.D. Kormann, Speaker to be confirmed

**Utilisation of whole slide image analysis to quantify lesion formation, collagen content and cell density within histologically stained fibrotic lung tissue**

Lorcan Sherry, Mark Anderson, Alison Bigley, Kieran McGregor, Stuart Naylor, Claudio Petterino, Mary McElroy, Speaker to be confirmed

**Whole genome-sequencing of non-tuberculous mycobacteria**

Maya Dymova, Olga Alkhovik, Lubov Evdokimova, Andrey Cherednichenko, Tatjana Petrenko, Speaker to be confirmed

**Mesenchymal Tsc2 deficiency causes retarded lung alveolarization and polycystic kidney lesion**

Siying Ren, Yongfeng Luo, Hui Chen, Elizabeth P. Henske, Wei Shi, Speaker to be confirmed

**A tissue microarray analysis on the role of chromosome 7 multiplication regarding the EGFR expression in non-small cell lung carcinomas**

Athanassios Stamatelopoulos, Evangelos Tsiambas, Petros Michos, Yiannis Gakidis, Dimosthenis Bouros, Speaker to be confirmed

**The leukocyte telomere length, single nucleotide polymorphisms near TERC gene and risk of COPD**

Tanya Tacheva, Shanbeh Zienolddiny, Dimo Dimov, Heidi Ødegaard Notø, Aage Haugen, Tatyana Vlaykova, Speaker to be confirmed

**The role of SIRT1 in LPS-induced lung endothelial barrier dysfunction and lung injury in vivo**

Weizhong Jin, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: What's new in biomarker analysis?**

Chairs :

**LSC Abstract – Increased oxidative stress leads to telomere shortening in children with alpha-1 antitrypsin deficiency**

Sara Pastor, Amparo Escribano, Silvia Castillo, Ana Reula, María Mercedes Navarro-García, Francisco Sanz, Estrella Fernandez-Fabrellas, Pilar Codoñer-Franch, Francisco Jose Dasi Fernandez, Speaker to be confirmed

**Lipid biomarkers predictive of gastro-oesophageal reflux in adult asthma**

Kamran Tariq, Joost Brandsma, Dominic Burg, Benjamin L. Nicholas, Rene Lutter, Julie Corfield, Kian F. Chung, Peter H. Howarth, Ana R. Sousa, Anthony D. Postle, Peter J. Sterk, Ratko Djukanovic, U-BIOPRED Study Group, Speaker to be confirmed

**Serum microRNA levels in paediatric females versus males with cystic fibrosis**

Paul McKiernan, Catherine Mooney, David Henshall, Barry Linnane, Paul McNally, Catherine Greene, Speaker to be confirmed

**The relationship between blood eosinophils and bacterial load in COPD patients**

Umme Kolsum, Vandana Gupta, Gavin Donaldson, Richa Singh, Bethan Barker, Leena George, Adam Webb, Sarah Thurston, Chris Brightling, Jadwiga Wedzicha, Dave Singh, Speaker to be confirmed

**The National Institute of Health Research Translational Research collaboration in alpha-1-antitrypsin deficiency: The relationship between CT densitometry and the fibrinogen cleavage biomarker A<sup>360</sup>**

Diana Crossley, Paul Newby, Rob Stockley, Speaker to be confirmed

**Increased circulating fibrocytes in asthmatic patients with severe OSA**

Tsai-Yu Wang, Yu-Lun Lo, Chun-Hua Wang, Han-Pin Kuo, Speaker to be confirmed

**Receptor for advanced glycation end products contributes to particulate induced lung function loss and hyperreactivity: Mitigating the effects of a single intense particulate exposure**

Sophia Kwon, Erin J. Caraher, Syed H. Haider, George Crowley, Audrey K. Lee, Minah Ebrahim, Mohamed Zedan, David J. Prezant, Ann Marie Schmidt, Anna Nolan, Speaker to be confirmed

**Can NPT be used to distinguish eosinophilic inflammatory phenotypes in COPD?**

Kirsty Hambleton, Catherine Borg, Clare Connolly, Mona Bafadhel, Speaker to be confirmed

**Signalling through the receptor for advanced glycation end products (RAGE) is increased in acute asthma and correlates with symptom severity**

Asger Bjerregaard, Celeste Porsbjerg, Lucy Barrett, Ingrid Laing, Siew-Kim Khoo, Markus Fally, Peter Le Souëf, Vibeke Backer, Philip Thompson, Svetlana Baltic, Speaker to be confirmed

**Impairment of leptin/leptin receptor pathway in nasal epithelium from allergic turbinates**

Andreina Bruno, Antonella Ballacchino, Liboria Siena, Domenica Russo, Salvatore Gallina, Francesco Lorusso, Giuseppina Chiappara, Mark Gjomarkaj, Elisabetta Pace, Speaker to be confirmed

**Influence of smoking on multifunctional membrane surface glycoprotein expression on the surface of T lymphocytes in BAL fluid from patients with pulmonary sarcoidosis**

Laimute G. Jurgauskiene, Radvile Malickaite, Regina Aleksoniene, Stanislava Simanaviciene, Edvardas Danila, Speaker to be confirmed

**Serum levels of 26S proteasome are lower in patients with asthma**

Zivile Zemeckiene, Edita Gasiuniene, Astra Vitkauskiene, Speaker to be confirmed

**Proinflammatory cytokines and IP-10 differentiate neutrophilic and eosinophilic asthma subgroups**

Matthew Gueble, Carole Holm, Nicole Grant, Lois Ravage-Mass, Terri-Dawn Levesh, Jean Estrom, Eleni Kapagiannidou, Qing Liu, Peggy O'Connor, Jose Gomez-Villalobos, Lauren Cohn, Geoffrey Chupp, Speaker to be confirmed

**Exacerbations in the subpopulations and intermediate outcome measures in COPD study (SPIROMICS, NHLBI) are associated with sputum eosinophilia but not blood eosinophilia**

Annette Hastie, Fernando Martinez, Jeff Curtis, Claire Doerschuk, Nadia Hansel, Stephanie Christenson, Nirupama Putcha, Victor Ortega, R. Graham Barr, Betsy Carretta, David Couper, Eric Hoffman, Richard Kanner, Eric Kleerup, Neil Alexis, Prescott Woodruff, MeiLan Han, Deborah Meyers, Eugene Bleecker, Speaker to be confirmed

**Triggering receptor expressed on myeloid cells (TREM1): A novel biomarker in the investigation of non-CF bronchiectasis? Preliminary results**

Athanasia Proklou, Giorgos Pitsidianakis, Eliza Tsitoura, Chara Koutoulaki, Argyro Hatziantoniou, Despoina Moraitaki, Dimitrios Georgopoulos, Katerina Antoniou, Nikos Tzanakis, Speaker to be confirmed

**Determinants of oxidants load in broncho-alveolar milieu**

Giuseppe Valerio, Pierluigi Bracciale, Donato Lacedonia, Speaker to be confirmed

**Inflammatory-cellular composition of the induced sputum (IS) and activity of leucocytes myeloperoxidase (MPO) in asthmatics with different airway response to hyperosmolar stimulus**

Juliy Perelman, Aleksey Pirogov, Anna Prikhodko, Sergey Zinoviev, Evgeniya Afanaseva, Victor Kolosov, Speaker to be confirmed

**Proteome fingerprints define groups with distinct clinico-pathological phenotypes in the U-BIOPRED asthma study**

James Schofield, Dominic Burg, Doroteya Staykova, Julie Corfield, Ian Adcock, Kian Fan Chung, Peter Sterk, Paul Skipp, Ratko Djukanovic, Speaker to be confirmed

**A novel flow cytometric based method to measure kinase inhibition in sputum from COPD subjects**

Grant Nicholson, Rebecca Holloway, Brian Leaker, Iain Kilty, Mikhail Salganik, Peter Barnes, Louise Donnelly, Speaker to be confirmed

**IL-17A is elevated in patients with COPD and contributes to airway remodeling by acting on fibroblasts**

Tianwen Lai, Baoping Tian, Chao Cao, Luangqing Che, Yue Hu, Feng Xu, Songmin Ying, Wen Li, Zhihua Chen, Huahao Shen, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Translational studies in lung disease****Chairs :****LSC Abstract – The association between fine ambient particulate air pollution and lung cancer incidence in adventist health and smog -2 (AHSMOG-2) cohort study**

Lida Gharibvand, David Shavlik, Mark Ghamsary, Larry Beeson, Samuel Soret, Raymond Knutsen, Synnove Knutsen, Speaker to be confirmed

**Interaction of dietary fatty acids with obesity induced cytokines in primary human pulmonary fibroblasts**

Sandra Rutting, Dia Xenaki, Qi Ge, Lisa Wood, Phil Hansbro, Brian Oliver, Speaker to be confirmed

**Extracellular matrix within the airway smooth muscle layer correlates with age but not in cases of asthma**

John Elliot, Natasha Sandosham, Robyn Jones, Su-Ann Drew, Karen McKay, Peter Noble, Alan James, Speaker to be confirmed

**The electrophilic 17-oxo-DHA enhances the anti-inflammatory efficacy of fluticasone propionate in COPD patients**

Chiara Cipollina, Serena Di Vincenzo, Liboria Siena, Caterina Di Sano, Mark Gjomarkaj, Elisabetta Pace, Speaker to be confirmed

**Secondary mechanisms of genotoxicity promoted by iron oxide nanoparticles via immune cell activation in vitro**

Steve Evans, Neenu Singh, Nicole Hondow, Tom Wilkinson, Gareth Jenkins, Shareen Doak, Speaker to be confirmed

**Pirfenidone induced inhibition of p38 downregulates procoagulant microparticle generation by human alveolar epithelia cells**

Tommaso Neri, Stefania Lombardi, Francesca Faita, Sivia Petrini, Cristina Balia, Valentina Scalise, Roberto Pedrinelli, Pierluigi Paggiaro, Alessandro Celi, Speaker to be confirmed

**Body mass index and adipose tissue within the airway wall**

John Elliot, Francis Green, Alan James, Peter Noble, Speaker to be confirmed

**Young adult with inherited PiMZ alpha-1-antitrypsin deficiency (A1ATD)-related bronchiectasis: characteristic of blood neutrophils and A1AT protein**

Nupur Aggarwal, Beatriz Martinez Delgado, Sandeep Salipalli, Nerea Matamala, Jessica Rademacher, Nicolaus Schwerk, Tobias Welte, Sabina Janciauskiene, Felix C. Ringshausen, Speaker to be confirmed

**Ciliary beat frequency study by high speed video microscopy**

Gerardo Vizmanos-Lamotte, Sandra Rovira, Alba Torrent, Antonio Moreno-Galdó, Speaker to be confirmed

**The role of IFN- $\gamma$  in severe COPD patients with anamnestic viral-induced exacerbations before and after roflumilast treatment**

Iryna Savelikhina, Oleksandr Varunkiv, Mykola Ostrovskyy, Mariana Kulynych-Miskiv, Kseniia Ostrovska, Speaker to be confirmed

**Induced sputum lipid mediators in severe asthma**

Rahul Shrimanker, Samantha Thulborn, Catherine Borg, Clare Connolly, Ian Pavord, Speaker to be confirmed

**Cross-talk between TNF-LIGHT and nitrosative stress in the airway remodeling of asthma**

Tsunahiko Hirano, Kosuke Ito, Nobutaka Edakuni, Kazuto Matsunaga, Speaker to be confirmed

**Recurrent cigarette smoke exposure impairs SIRT1 shuttling in bronchial epithelial cells**

Satoru Yanagiasawa, Peter J. Barnes, Kazuhiro Ito, Speaker to be confirmed

**Endothelial dysfunction evaluated by photoplethysmography in patients with COPD and heart failure**

Raúl Herrera Saucedo, Dulce Gonzalez-Islas, Rafael Díaz-Martínez, Arturo Orea-Tejeda, Edna Contreras-Ramírez, Brenda Santellano-Juárez, Juan Pineda-Juárez, Rocío Sánchez-Santillán, Oscar Infante-Vázquez, Carlos Cíntora-Martínez, Viridiana Peláez-Hernández, Roberto Martínez-Memije, Elisa Pérez-Cabañas, Carlos Espinoza de los Monteros, Marcela Elizondo-Montes, Speaker to be confirmed

**Obesity is associated with airspace lipid dysregulation**

Niki Ubags, Maryellen Antkowiak, Aaron Wallace, Estee Dilli, Matthew J. Wargo, Emiel F.M. Wouters, Benjamin T. Suratt, Speaker to be confirmed

**Epac1 and Epac2 regulate airway smooth muscle tone in mice**

Martina Schmidt, Anouk Oldenburger, Harm Maarsingh, Speaker to be confirmed

**Identification of miR-21 as a regulator of mesothelin expression using microRNA capture affinity coupled with next generation sequencing**

Chiara de Santi, Sebastian Vencken, Jonathon Blake, Bettina Haase, Vladimir Benes, Landi Stefano, Catherine Greene, Speaker to be confirmed

**Modulation of lung CD11c+ dendritic cells by TGF- $\beta$  in pulmonary fibrosis in mice**

Arindam Bhattacharyya, Speaker to be confirmed

**MIP-1 is associated with eosinophilic airway inflammation**

Yoshiki Kobayashi, Yasunori Konno, Shigeharu Ueki, Koichi Tomoda, Akira Kanda, Speaker to be confirmed

**Effect of diesel exhaust (DE) on stress responses and innate immunity in primary bronchial epithelial cell (PBEC) cultures from patients with COPD and controls**

Pieter S. Hiemstra, Maria C. Zarcone, Evert Duistermaat, Marcel J. Alblas, Annemarie van Schadewijk, Dennis K. Ninaber, Marcel M. Moerman, Daan Vaessen, Ingeborg Kooter, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Novel insights into alveolar and bronchial epithelial cell injury and repair**

Chairs :

**LSC Abstract – The role of platelet-expressed C-type lectin-like receptor-2 in regulating the severity of murine lung injury**

Sian Lax, Julie Rayes, David Thickett, Steve Watson, Speaker to be confirmed

**LSC Abstract – Identification of distinct biological phenotypes of ARDS by cluster analysis and association with mortality**

Lieuwe Bos, Laura Schouten, Lonneke van Vught, Maryse Wiewel, David Ong, Olaf Cremer, Tom van der Poll, Janneke Horn, Nicole Juffermans, Marcus Schultz, Speaker to be confirmed

**LSC Abstract – Vitamin D stimulates macrophage efferocytosis and encourages a proresolution phenotype**

Dhruv Parekh, Gavin Perkins, David Thickett, Speaker to be confirmed

**Mesenchymal stromal cells (MSC) anti-microbial effect in acute respiratory distress syndrome (ARDS) is mediated in part by enhanced alveolar macrophage phagocytosis through cell contact-dependent mitochondrial transfer leading to improved macrophage bioenergetics**

Megan Jackson, Thomas Morrison, Danny McAuley, Cecilia O' Kane, Michael Matthay, Anna Krasnodembskaya, Speaker to be confirmed

**A mouse model of acute lung injury implicates phospholipase C in neutrophilic inflammation through CXC chemokine production**

Kanoko Umezawa, Tatsuya Nagano, Hironori Edamatsu, Haruka Nshimura, Daisuke Tamura, Kazuyuki Kobayashi, Tohru Kataoka, Yoshihiro Nishimura, Speaker to be confirmed

**ATP selectively packages TNF within microvesicles released from alveolar macrophages**

Sanoj Soni, Ying Ying Tan, Kahori Cho, Michael Wilson, Kieran O' dea, Masao Takata, Speaker to be confirmed

**Neutrophil extracellular traps are pathogenic in ventilator-induced lung injury and its formation is dependent on TLR4 signaling**

Haosi Li, Pinhua Pan, Speaker to be confirmed

**Proton-sensing TDAG8 exhibits the protective role in lipopolysaccharide-induced acute lung injury**

Hiroaki Tsurumaki, Takeshi Hisada, Chihiro Mogi, Haruka Saito-Aoki, Masakiyo Yatomi, Yousuke Kamide, Masayuki Tobo, Koichi Sato, Yasuhiko Koga, Akihiro Ono, Kunio Dobashi, Tamotsu Ishizuka, Masanobu Yamada, Fumikazu Okajima, Speaker to be confirmed

**Oxidative stress in TGF-1-mediated fibrosis in Z alpha-1 antitrypsin cells**

Samuel Alam, Ravi Mahadeva, Speaker to be confirmed

**Cell therapy for the treatment of acute lung injury: Alveolar type II cells or mesenchymal stem cells?**

Raquel Guillamat-Prats, Marta Camprubí -Rimblas, Ferranda Puig, Raquel Herrero, Anna Serrano-Mollar, Jessica Tijero, Maria Nieves Gómez, Lluís Blanch, Antonio Artigas, Speaker to be confirmed

**Aquaporin levels in murine lung injury**

Alice Vassiliou, Nikolas Manitsopoulos, Matina Kardara, Nikoloas Maniatis, Stylianos Orfanos, Anastasia Kotanidou, Speaker to be confirmed

**Effects of VACHT reduction on the time course of lung inflammation in mice with acute lung injury**

Nathalia Pinheiro, Fernanda Santana, Luciana Caperuto, Iolanda Tiberio, Vania Prado, Marco Antonio Prado, Milton Martins, Carla Prado, Speaker to be confirmed

**Leukotriene E<sub>4</sub> affects expression of genes involved in inflammatory, remodelling and mitogenic responses in human bronchial epithelial cells**

Siiri Altraja, Mario Mitt, Alan Altraja, Speaker to be confirmed

**Cigarette smoke alters primary human bronchial epithelial cell (PBEC) differentiation at air-liquid interface (ALI) and induces expression of CD105 and CD146**

Rosalia Gagliardo, Fabio Bucchieri, Giusy Daniela Albano, Angela Marina Montalbano, Roberto Marchese, Giulia Anzalone, Alberto Fucarino, Giuseppe Paglino, Chiara Lo Nigro, Pascal Chanez, Mirella Profita, Speaker to be confirmed

**Is there a secondary defect in CFTR in the nasal epithelium of patients with primary ciliary dyskinesia?**

Suzanne Crowley, Michael Waller, Eric Alton, Jane Davies, Speaker to be confirmed

**LSC Abstract – Unsupervised gene co-expression analysis identifies a novel endotype in severe asthma**

Akul Singhania, Laurie C.K. Lau, Hitasha Rupani, Nivenka Jayasekera, Hans Michael Haitchi, Christopher H. Woelk, Peter H. Howarth, Speaker to be confirmed

**LSC Abstract – System biology of adrenomedullin is controlled via its cell type specific expressed receptors in the human lung**

Jyotshna Mandal, Michael Roth, Eleni Papakonstantinou, Lukas Bubendorf, Spasenija Savic, Michael Tamm, Daiana Stolz, Speaker to be confirmed

**TGF $\beta$ -induced epithelial to mesenchymal transition (EMT) as a model of COPD**

Jo-Maree Courtney, Patricia Spafford, Sukhwinder Singh Sohal, E. Haydn Walters, Speaker to be confirmed

**Lung ageing in C57/Bl6 and BALB/c mice is characterized by a defective surfactant metabolism, increased ER stress and inflammasome induction**

Martina Korfei, David Klaus, Daniel Stelmaszek, Clemens Ruppert, Ingrid Henneke, Werner Seeger, Andreas Guenther, Speaker to be confirmed

**Primary ciliary dyskinesia caused by loss-of-function GAS8 mutations due to defects of the nexin-dynein regulatory complex**

Johanna Raidt, Claudius Werner, Heike Olbrich, Niki T. Loges, Julia Wallmeier, Petra Pennekamp, Christine Edelbusch, Oliver Schwartz, Gerard W. Dougherty, Carolin Cremers, Kim G. Nielsen, June K. Marthin, Maria Philipsen, Holger Thiele, Janine Altmüller, Frank Rommelmann, Heymut Omran, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Systemic biomarkers****Chairs :****L-arginine pathway metabolites can predict exacerbation independently from beta blocker treatment in patients with COPD: A follow-up study**

Tihamer Molnar, Veronika Sarosi, Balazs Illes, Ildiko Horvath, Istvan Ruzsics, Speaker to be confirmed

**Association of the neutrophil-to-lymphocyte ratio with lung function and exacerbations in patients with chronic obstructive pulmonary disease**

Soo-Jung Um, Seul Lee, Bo Hyoung Kang, Choonhee Son, Kwang Ha Yoo, Ki-Suck Jung, Speaker to be confirmed

**Role of differential scanning calorimetry (DSC) in the staging of COPD: A new approach to an old definition problem**

Zsuzsanna Szalai, Tamas F. Molnar, Denes Lorinczy, Speaker to be confirmed

**Reactive oxygen metabolite levels are surrogate biomarkers for predicting exacerbation of bronchial asthma**

Keitaro Nakamoto, Masato Watanabe, Mitsuru Sada, Toshiya Inui, Yukari Ogawa, Masuo Nakamura, Kojiro Honda, Takashi Koide, Saori Takata, Takuma Yokoyama, Takeshi Saraya, Daisuke Kurai, Hiroo Wada, Haruyuki Ishii, Hajime Takizawa, Speaker to be confirmed

**Serum BNP levels in COPD, asthma-COPD-overlap-syndrome, smokers and never-smokers**

Thorsten Albuscheit, Marleen Zickfeld, Erna Brandenburger, Jürgen Knobloch, Andrea Koch, David Jungck, Speaker to be confirmed

**Assessment of plasma klotho concentration in stable COPD**

Judit Pálkó, Imre Barta, Maria Kerti, Zsuzsanna Balogh, Orsolya Drozdovszky, Balazs Antus, Janos Varga, Ildiko Horvath, Speaker to be confirmed

**Higher burden of asthma symptoms and increased blood eosinophils in ACOS**

Ida Mogensen, Kjell Alving, João A. Fonseca, Tiago Jacinto, Christer Janson, Andrei Malinovski, Speaker to be confirmed

**Plasma asymmetric dimethylarginine (ADMA) in pediatric patients with cystic fibrosis (CF)**

Francesca Lucca, Mirco Ros, Vanna Piazza, Antonina Gucciardi, Giuseppe Giordano, Liviana Da Dalt, Eugenio Baraldi, Speaker to be confirmed

**Combined serum eosinophil count and procalcitonin level as a marker of bacterial infection in acute exacerbation of chronic obstructive pulmonary disease**

Jae Jeong Shim, Juwhan Choi, Sangmi Chung, Jee Youn Oh, Young Seok Lee, Kyung Hoon Min, Gyu Young Hur, Sung Yong Lee, Kyung Ho Kang, Speaker to be confirmed

**Assessment of serum magnesium level in patients with bronchial asthma**

Maha Yousif, Ahmed Abd Elrahman Ali, Ramadan Bakr, Rania Emad Eldin, Speaker to be confirmed

**Serum sirtuin-1 is reduced in COPD**

Satoru Yanagiasawa, Andriana I. Papaioannou, Chaitanya Vuppusetty, Peter J. Barnes, Kazuhiro Ito, Speaker to be confirmed

**Blood eosinophils relate more closely to reduced lung function than serum ECP or plasma EDN in young asthmatics**

Andrei Malinovschi, Christer Janson, Ida Mogensen, Magnus Borres, Kjell Alving, Speaker to be confirmed

**Study of inflammatory markers and BODE index in patients with chronic obstructive pulmonary disease**

Priti Meshram, Shivprasad Shinde, Kapil Iyer, Sudipto Dasgupta, Rohit Hegde, Nagsen Ranraje, Speaker to be confirmed

**A treatment algorithm adjusting oral corticosteroid using blood eosinophils reduces exacerbations and improves asthma control, in difficult asthmatics**

Peter Wark, Peter Gibson, Vanessa McDonald, Speaker to be confirmed

**Role of inflammatory biomarkers in COPD**

Ola Alkady, Mona Fattouh, Speaker to be confirmed

**Handgrip strength reflects exercise capacity and systemic inflammation in patients with chronic obstructive pulmonary disease**

Min Kwang Byun, Yoon Soo Chang, Hyung Jung Kim, Chul Min Ahn, Speaker to be confirmed

**Microalbuminuria as a cardiovascular biomarker in patients with COPD**

Srikant Agarwal, Gopal Purohit, C.R. Choudhary, Sunil Vyas, Isha Garg, U. Narendra, Speaker to be confirmed

**The relationship between blood neutrophils, blood eosinophils and exacerbations of COPD – Results from the TIE-study**

Jens Ellingsen, Hans Hedenström, Marieann Höglman, Karin Lisspers, Björn Ståhlberg, Janson Christer, Malinovschi Andrei, H. Koyi, E. Brandén, K. Bröms, A. Thornadsson, M. González Lindh, J. Sulku, R. Bendrik, J. Lundkvist, On Behalf of the TIE-Study (Tools Identifying Exacerbations in Patients with COP), Speaker to be confirmed

**Asthma and the role of blood glucose monitoring**

Rebecca Wollerton, Kate Millington, Rachel Jones, Ari Manuel, Speaker to be confirmed

**Vascular endothelial dysfunction in chronic obstructive pulmonary disease: Comparison with bronchial asthma, and controls**

Kunihiko Terada, Tadayuki Terada, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Non-inflammatory assessment of airway disorders**

Chairs :

**The impact of a structured consultation delivered by a respiratory nurse specialist on patients' use of personalised asthma action plans (PAAP)**

Andrew Smith, Soong Tan, Manish Patel, Maureen Carroll, Judy Lever, Amanda Lee, Eddie McKnight, John Haughney, Speaker to be confirmed

**Does increasing the access to specialist respiratory team reduce the presentation and admission of acute asthma to hospital?**

Helen Goldstein, Sandra Dermott, Imran Aziz, Speaker to be confirmed

**Randomized, controlled study of the impact of a mobile health tool on asthma SABA use, control and adherence**

David Van Sickle, Meredith Barrett, Olivier Humblet, Kelly Henderson, Chris Hogg, Speaker to be confirmed

**Telehealthcare in COPD – A feasibility trial**

Frank Rassouli, Maurus Pfister, Florent Baty, Sandra Widmer, Martin Brutsche, Speaker to be confirmed

**Standard of inpatient care during exacerbation in territory care Hospital, Pakistan; A completed audit cycle**

Saima Akhter, Nadeem Rizvi, Shaista Ghazal, Speaker to be confirmed

**Systematic review of the relevance of CT densitometry in patients with COPD and AATD**

Diana Crossley, Alice Turner, Speaker to be confirmed

**Correlation of GINA asthma control with lung volumes, airway resistance, diffusion and 6MWT**

Isha Garg, K.C. Agarwal, Gopal Purohit, C.R. Choudhary, Naveen Dutt, Sunil Vyas, Srikant Agarwal, U. Narendra, Speaker to be confirmed

**COPD staging systems and BODE index**

Efrain Sanchez Angarita, Maria Eugenia Laucho-Contreras, Arteta Andres, Herrera Lesly, Palatz Rosana, Montes de Oca Maria, Speaker to be confirmed

**Cough detection in cystic fibrosis, primary ciliary dyskinesia and health**

Joerg Grosse-Onnebrink, Andrea Radine, Claudius Werner, Heymut Omran, Speaker to be confirmed

**Are asthma patients willing to participate in an interactive web-based disease registry?**

Duco Schippers, P.W. Hekking, J.K. Sont, E.H.D. Bel, Speaker to be confirmed

**Alveolar-arterial oxygen gradient in asthma**

Dominick Shaw, Ireti Adejumo, Ruth Green, Ian Pavord, Speaker to be confirmed

**Comparison of online and paper versions of the asthma control questionnaire and asthma quality of life questionnaire**

Ian Smith, Jiska Snoeck-Stroband, Persijn Honkoop, Jacob Sont, MyAirCoach Study Group, Speaker to be confirmed

**The NIHR translational research collaboration: The relationship between CT densitometry and quality of life in alpha one antitrypsin deficiency**

Diana Crossley, Ross Edgar, Rob Stockley, Speaker to be confirmed

**COPD discharge care bundles – Do they reduce hospital readmission rates?**

Emma Crawford, Karen Leech, Janice Bailey, Carole Lynch, Gillian Owen, Barbara Rickard, Ian Evans, Naveed Mustafa, Imran Hussain, Helen Stone, Speaker to be confirmed

**The effects of socioeconomic status on health outcomes in patients with COPD**

Ali Kocabas, Ezgi Ozyilmaz, Speaker to be confirmed

**Assessing the cost-effectiveness of the doctor-patient remotemonitoring system of chronic non-communicable diseases**

Evgeny Kulikov, Olga Kobaykova, Ivan Deev, Vadim Boykov, Alexndra Golubeva, Speaker to be confirmed

**Smart watch for monitoring physical activity in patients with chronic obstructive pulmonary disease**

Osamu Hataji, Yoichi Nishii, Tadashi Sakaguchi, Haruko Saiki, Kentaro Ito, Corina D' Alessandro-Gabazza, Tetsu Kobayashi, Esteban Cesar Gabazza Sanabria, Osamu Taguchi, Speaker to be confirmed

**Smart phone-based platform for diagnosing asthma and COPD**

Daniel Chamberlain, Rahul Kodgule, Yogesh Thorat, Vandana Das, Richard Fletcher, Speaker to be confirmed

**Impact of telemonitoring on readmissions in pacientes with COPD after hospital discharge**

Pedro Jorge Marcos Rodriguez, Irene Nieto Codesido, Alejandro Maiso, Marina Blanco-Aparicio, Isabel Otero-Gonzalez, Ana Souto-Alonso, Angelica Consuegra-Vanegas, Cristina Represas, Cristina Ramos-Hernandez, Alberto Fernandez-Villar, Carlos Zamarrón Sanz, Susana Fernandez-Nocelo, Blanca Cimadevila-Alvarez, Julio Garcia-Comesaña, Carmen Montero-Martinez, Speaker to be confirmed

**Patient specific parameter thresholding to support domiciliary monitoring in COPD**

Ahmed Al Rajeh, Michelle Obrien, Jennie Symondson, John Hurst, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Monitoring airway diseases with clinical tools**

Chairs :

**The effect of regional differences on visual arts interpretation in exacerbation and stable periods of chronic airway diseases**

Fusun Yildiz, Serap Argun Baris, Tugba Onyilmaz, Osman Odabas, Speaker to be confirmed

**Emergency department (ED) attendance with asthma: An unmet need for specialist review**

Sarah Smart, Louise Carefoot, Anin Dasgupta, Tim Sutherland, Ian Clifton, Speaker to be confirmed

**Patients' adherence to chronic treatment in lung diseases: Preliminary data from a randomized controlled trial**

Claudia Gregoriano, Simona Henny-Reinalter, Sabrina Maier, Anna-Lisa Flamm, Thomas Dieterle, Isabelle Arnet, Kurt E. Hersberger, Jörg D. Leuppi, Speaker to be confirmed

**Asthma attendances in the emergency department; frequency and timing**

Thomas Jones, Claire Roberts, Ellie Lanning, Daniel Neville, Thomas Brown, Anoop Chauhan, Speaker to be confirmed

**A comparison of general and respiratory physicians' follow up arrangements post discharge after asthma exacerbations**

Sana Ullah, Ilyas Sulaiman, Tom Opray, Gareth Jones, Hassan Burhan, Helen James, Bev McDonough, Speaker to be confirmed

**Factors predicting treatment outcome in hospitalized patients with acute exacerbation of COPD (AECOPD)**

Jayalakshmi T. Kutty, Padmaraj Ankale, Aparna Iyer, Sanket Jain, Speaker to be confirmed

**Identification of asthma level of control using administrative data of short-acting beta-agonist inhalers purchase**

Dekel Shlomi, Irit Katz, Michael Segal, Nir Peled, Speaker to be confirmed

**Comparison of patient-reported outcomes (PROs) during acute exacerbation of chronic obstructive pulmonary disease**

Saya Nakamura, Masaaki Kusunose, Kazuyoshi Senda, Koichi Nishimura, Speaker to be confirmed

**COPD attendances in a busy emergency department; frequency and timing**

Daniel Neville, Thomas Jones, Ellie Lanning, Thomas Brown, Ben Green, Anoop Chauhan, Speaker to be confirmed

**Automated classification of productive and non-productive cough**

Volker Gross, Patrick Fischer, Nicole Kerkenberg, Christoph Urban, Andreas Weissflog, Ulrich Koehler, Keywan Sohrabi, Speaker to be confirmed

**COPD related fatigue (COPD-RF) as a patient centred outcome tool in COPD: Various predictors and its correlation with other outcome parameters**

Sheetal Chaurasia, Alamelu Haran, Anish Reddy, Pavnay Chawla, Speaker to be confirmed

**Assessing symptoms in COPD: Use of the E-RS daily digital diary in early drug development**

Bruce Miller, Ruth Tal-Singer, Aili Lazaar, Nancy Leidy, Henrik Watz, David Collins, John Yonchuk, Maggie Tabberer, Speaker to be confirmed

**Implementation of the patient outcomes and information service (POINTS) to improve the management of chronic obstructive pulmonary disease (COPD) in Lanarkshire**

Andrew Smith, Soong Tan, Manish Patel, Maureen Carroll, Karon Carson, Andy Currie, Speaker to be confirmed

**Asthma management in a specialist setting: Results of a national survey**

Marta Ferrari, Silvia Garuti, Fulvio Braido, G. Walter Canonica, Iliana Baiardini on behalf of SIMeR A3LTC, Speaker to be confirmed

**IE-3 study. Impact of a specialized intervention in the diagnosis of COPD**

Nagore Blanco Cid, Pedro J. Marcos, Isaura Parente Lamelas, Hugo Gomez Marquez, Jose Abal Arca, Pedro Marcos Velazquez, Speaker to be confirmed

**Different associations between airflow limitation and health-related quality of life based on COPD severity**

Sukyeon Kim, Hye Yun Park, Byung Woo Jhun, Daeyeun Lee, Seong Mi Moon, Seong Yong Lim, Chin Kook Rhee, Kwang Ha Yoo, Jung Yeon Lee, Speaker to be confirmed

**Predictor parameters for exercise intolerance in patients with chronic obstructive pulmonary disease (COPD)**

Bojana Butorac Petanjek, Sanja Popovic-Grle, Marina Abramovic, Suzana Kukulj, Nataša Karamarkovic Lazarušić, Speaker to be confirmed

**The control of asthma in real life: Baseline evaluation of a long-term study**

Ernesto Crisafulli, Roberta Pisi, Fabio Arpinelli, Marina Aiello, Meryem El Majdoub, Davide Feci, Antonella Ielpo, Massimo Guerriero, Giuseppina Bertorelli, Alfredo Chetta, Speaker to be confirmed



**Correlation between Arabic version of the asthma control test, forced expiratory volume at 1 s and exhaled nitric oxide in Tunisian asthmatic patients**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Efficacy of comprehensive education program including inhaler training and disease management on COPD**

Joo Hun Park, Kwang Ha Yoo, Jung Yeon Lee, Ji-Hyun Lee, Tae-Hyung Kim, Chin Kook Rhee, Ho-Kee Yum, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Airway biomarkers****Chairs :****Measuring exhaled hydrogen sulphide (eH<sub>2</sub>S) levels in asthma**

Uruj Hoda, Hendrica Zwetsloot, Sally Meah, Pankaj Bhavsar, Fan Chung, Speaker to be confirmed

**Use of an electronic wheeze detection tool to monitor development of wheeze during mannitol inhalational bronchial challenge for the diagnosis and management of asthma**

Shivonne Prasad, Eleonora Del Colle, Francis Thien, Speaker to be confirmed

**Exhaled breath temperature (EBT) in asthmatic patients: Influence of severity and underlying mechanisms**

Polyxeni Ntontsi, Petros Bakakos, Georgios Papatheodorou, Konstantinos Kostikas, Elissavet Konstantellou, Georgios Hillas, Georgios Patentlakis, Leonidas Angelakis, Nikolaos Koulouris, Spyridon Papiris, Stelios Loukides, Speaker to be confirmed

**Monitoring oxidative stress during recovery from COPD exacerbations: Comparison of airway and systemic malondialdehyde levels**

Orsolya Drozdovszky, Imre Barta, Zsuzsanna Kelemen, Janos Varga, Balazs Antus, Speaker to be confirmed

**Sputum induction for assessment of biomarkers in early development of new drugs for respiratory disease in a proof of concept setting**

Robert Lins, Haiko Pillu, Lien Gheyle, Annick Van Riel, Speaker to be confirmed

**Breathprint of severe allergic asthma with SPME-GC-MS Analysis of exhaled air volatile organic compounds (Ege University translational pulmonology research group [EgeTPAG])**

Levent Pelit, Özlem Göksel, Tugberk Nail Dizdas, Ilknur Bagatir, Füsun Pelit, Hasan Ertas, Tuncay Göksel, Burak Ordin, Arif Gürsoy, Durmus Özdemir, Münevver Erdiç, F. Nil Ertas, Speaker to be confirmed

**Development of a method for quantification of phosphatidylcholine in exhaled breath**

Ann-Charlotte Almstrand, Anita Wallin, Marianne Andersson, Anna-Carin Olin, Ekaterina Mirgorodskaya, Speaker to be confirmed

**Fast track sputum monitoring in severe asthma**

Gael Tavernier, Stephen Fowler, Dorothy Ryan, Robert Niven, Speaker to be confirmed

**Monitoring catalase activity in COPD exacerbations**

Balázs Antus, Orsolya Drozdovszky, Imre Barta, Speaker to be confirmed

**Elevated levels of alveolar nitric oxide in patients with inflammatory bowel disease**

Adonis Protopapas, Stergios Vradelis, Theodoros Karampitsakos, Athanasios Chatzimichail, Emmanouil Paraskakis, Speaker to be confirmed

**The relationship between exhaled nitric oxide and body mass index in controlled and uncontrolled Tunisian asthmatics**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Markers of eosinophilic airway inflammation in patients with severe and mild to moderate asthma**

Galina Sergeeva, Alexander Emelyanov, Evgenia Leshenkova, Antonina Znakhurenko, Svetlana Rebrova, Ludmila Kozireva, Nana Asatiani, Speaker to be confirmed

**Relation of exhaled breath temperature and systemic markers of inflammation and remodelling in stable bronchial asthma**

Bhupendra Singh Yadav, Anjana Talwar, Debabrata Ghosh, Randeep Guleria, Speaker to be confirmed

**Exhaled surfactant protein A and albumin in a healthy Swedish population**

Ekaterina Mirgorodskaya, Per Larsson, Hatice Koca, Jeong-Lim Kim, Björn Bake, Evert Ljungström, Anna-Carin Olin, Speaker to be confirmed

**Bronchial and alveolar nitric oxide levels in healthy volunteers and patients with severe asthma**

Zsófia Lázár, Péter Horváth, Rita Puskás, László Kunos, György Losonczy, Gabriella Gálffy, András Bikov, Speaker to be confirmed

**Quantitation method for colistimethate sodium in pharmaceutical aerosol samples using high performance liquid chromatography (HPLC)**

Adam Metcalf, Lucy Hardaker, Ross Hatley, Speaker to be confirmed

**Interleukins in induced sputum and plasma of COPD and asthma patients in indian population: Correlation with respiratory indices and cell counts**

Anjali Trivedi, Anjana Talwar, Monica Chandan, Geetanjali Bade, Randeep Guleria, Debabrata Ghosh, Speaker to be confirmed

**The levels of exhaled nitric oxide in controlled asthmatic patients with and without rhinitis**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Effect of tobacco smoke exposure on exhaled nitric oxide levels in Tunisian asthmatics**

Ferdaous Yangui, Rimeh Ayari, Mariem Triki, Maher Abouda, Hend Khouani, Mohamed Ridha Charfi, Speaker to be confirmed

**Effects of treatment and withdrawal with inhaled beclomethasone/formoterol on electronic nose and NMR metabolomic breathprints in patients with COPD**

Giuseppe Santini, Nadia Mores, Claudio Luchinat, Leonardo Tenori, Alessia Vignoli, Francesco Macagno, Leonello Fuso, Tim Higenbottam, Paolo Montuschi, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Laboratory tests and cell biology in allergy and immunology**

Chairs :

**Cellular and molecular mechanisms of endothelial dysfunction of ACOS-syndrome**

Angelina Kraposhina, Irina Demko, Svetlana Chubarova, Elena Sobko, Olga Ischenko, Irina Soloveva, Natalia Gordeeva, Speaker to be confirmed

**Regulation of GRO production in human bronchial epithelial cells**

Toshiya Inui, Masato Watanabe, Keitaro Nakamoto, Mitsuru Sada, Shingo Tsuji, Aya Hirata, Masuo Nakamura, Yukari Ogawa, Takashi Koide, Saori Takata, Takuma Yokoyama, Daisuke Kurai, Takeshi Saraya, Haruyuki Ishii, Hiroo Wada, Hajime Takizawa, Speaker to be confirmed

**Association between Type 2 innate lymphoid cells increasement and allergy in patients with chronic rhinosinusitis and asthma**

Xun Meng, Jinhong Wang, Hanqing Lin, Heng Zhong, Tao Zhang, Speaker to be confirmed

**Autoreactivity and inflammatory phenotypes in patients with COPD and bronchial asthma**

Anna Konishcheva, Valentina Gervazieva, Speaker to be confirmed

**Role of the T-cell homing receptor in the immune mechanisms of the allergic march**

Laure Castan, Marie-Aude Cheminant, Philippe Aubert, Michel Neunlist, Marie Bodinier, Antoine Magnan, Grégoire Bouchaud, Speaker to be confirmed

**Increased neutrophil gelatinase-associated lipocalin (NGAL) promotes airway remodeling in chronic obstructive pulmonary disease (COPD)**

Xin Yao, Yujie Wang, Man Jia, Xiaoyi Yan, Weizhen Song, Ian Adcock, Peter Barnes, Speaker to be confirmed

**Mitochondrial fusion in the pathogenesis of severe asthma with fungal sensitization**

So Ri Kim, Yong Chul Lee, Hae Jin Park, Dong Im Kim, Soon Ha Kim, Speaker to be confirmed

**Regulation of inflammatory cytokines in human immunocompetent cells by propranolol in vitro**

Fatemeh Hajighasemi, Abbas Mirshafiey, Speaker to be confirmed

**Relation between concentration of TNF- $\alpha$ , IL-6, CRP and airway hyperresponsiveness in elderly asthmatics**

Karolina Lindner, Robert Pawlowicz, Zbigniew Machaj, Bernard Panaszek, Speaker to be confirmed

**Induced sputum levels of soluble receptor ST-2 in adult patients suffering from allergic asthma or allergic rhinitis**

Amaryllis Haccuria, Mirna Verreira, Joanne Rasschaert, Alain Van Muylem, Alain Michils, Speaker to be confirmed

**Basophil activation test for staphylococcus enterotoxins in severe asthmatic patients**

Cecilia Calabrese, Gennaro Mazzarella, Francesco Perna, Sara Carputo, Salvatore Abbadessa, Martina Flora, Rosalba Maffucci, Speaker to be confirmed

**Total IgE thresholds for detection of a positive specific IgE**

Thomas Jones, Victoria Jeffery, Scott Elliott, Daniel Neville, Ellie Lanning, Thomas Brown, Anoop Chauhan, Speaker to be confirmed

**Serum periostin in healthy controls and patients with asthma and chronic rhinosinusitis; data from the Swedish GA(2)LEN population study**

Anna James, Christer Janson, Andrei Malinovsky, Kjell Alving, Junya Ono, Shoishiro Ohta, Bertil Forsberg, Kenji Izuhara, Sven-Erik Dahlén, Speaker to be confirmed

**Performance evaluation of a novel point-of-care total IgE assay system in atopic patients**

Stefan Sultana, Alexander Karpov, David Singh, Marie Laurencin, George Hawkins, Garry Hassard, Hannah Scholes, Alicja Jankowska, Eva Tur Garcia, Julie Richards, Anne Marie Turner, Paul Monaghan, Julie-Anne Leigh, Stuart Angell, Andrew Rogers, Speaker to be confirmed

**IgE plasma level in asthmatics with nasal polyps is independent of atopy**

Jose Antonio Castillo Vizueté, César Picado, Vicente Plaza, Gustavo Rodrigo, Berta Juliá, Joaquim Mullol, Speaker to be confirmed

**The assessment of asthma with a novel 24-hour cough frequency monitor**

Atsuro Fukuhara, Junpei Saito, Surinder S. Biring, Suguru Sato, Manabu Uematsu, Yasuhito Suzuki, Togawa Ryuichi, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

**IgE cross-reactivity between house dust mite and shrimp**

Chen Xi, Baoqing Sun, Speaker to be confirmed

**Allergen analysis of 2778 patients with allergic diseases in China**

Wenting Luo, Baoqing Sun, Zehong Wu, Speaker to be confirmed

**Correlation between asthma control and serum levels of IL-33 in atopic asthma**

Harun Iskandar, Eliana Muis, Hasnawati, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Pharmacological intervention in man and murine models of asthma**

Chairs :

**Developing a chronic murine model that better reflects the clinical features of the human asthma**

Jin-Young Lee, Jae-Won Paeng, Mi-Jin Jang, Byung-Jae Lee, Dong-Chull Choi, Speaker to be confirmed

**Preventative administration of IL-27 improves airway inflammation of ovalbumin –induced asthma mice model via both STAT1 and GADD45 /p38MAPK pathways**

Zhihong Chen, Xiaoqiong Su, Jue Pan, Kan Xu, Xiangdong Wang, Speaker to be confirmed

**Synergistic suppression of T cell-induced eosinophilia by CTLA4-Ig and glucocorticoid in murine asthma model**

Akio Mori, Satoshi Kouyama, Miyako Yamaguchi, Akemi Ohtomo-Abe, Yosuke Kamide, Hiroaki Hayashi, Kentaro Watai, Chihiro Mitsui, Kiyoshi Sekiya, Takahiro Tsuburai, Yuma Fukutomi, Masami Taniguchi, Takayuki Ohtomo, Osamu Kaminuma, Speaker to be confirmed

**Effects of PKR inhibitor on poly (I:C)-induced exacerbation of severe asthma**

So Ri Kim, Yong Chul Lee, Dong Im Kim, Hae Jin Park, Speaker to be confirmed

**Reduction of lung cytokines and luminal inflammatory cells in IL-1b deficient mice**

Irma Mahmutovic Persson, Hamid Akbarshahi, Mandy Menzel, Lena Uller, Speaker to be confirmed

**Weight gain alters adiponectin receptor 1 expression on lung-resident Foxp3+ Helios+ regulatory T cells: Implications during allergic airway inflammation?**

Patricia Ramos, Carina Malmhäll, Kristina Johansson, Jan Lötvall, Apostolos Bossios, Speaker to be confirmed

**The role of IL-17 producing NK cells and other innate immune cells in poly(I:C) triggered exacerbation of experimental asthma**

Lars Lunding, Christina Vock, Sina Webering, Jochen Behrends, Christoph Hölscher, Heinz Fehrenbach, Michael Wegmann, Speaker to be confirmed

**The formation and effects of extracellular DNA traps in a murine asthma model**

Xi Chen, Chengping Hu, Speaker to be confirmed

**Aquaporin-3 potentiates murine asthma through mediating T-cell trafficking and chemokine production**

Kohei Ikezoe, Toru Oga, Tetsuya Honda, Mariko Hara-Chikuma, Xiaojun Ma, Tatsuaki Tsuruyama, Kazuko Uno, Jun-ichi Fuchikami, Kiminobu Tanizawa, Tomohiro Handa, Yoshio Taguchi, Alan Verkman, Shuh Narumiya, Michiaki Mishima, Kazuo Chin, Speaker to be confirmed

**Absence of proton sensing OGR1 protects against house dust mite-induced allergic airway inflammation**

Haruka Saito, Takeshi Hisada, Chihiro Mogi, Tsurumaki Hiroaki, Masakiyo Yatomi, Yosuke Kamide, Akihiro Ono, Yasuhiko Koga, Kunio Dobashi, Tamotsu Ishizuka, Fumikazu Okajima, Masanobu Yamada, Speaker to be confirmed

**The role of CD39 and CD73 expressed by regulatory T cell in the pathogenesis of asthma in mice**

Ranran Dai, Linlin Wang, Guochao Shi, Speaker to be confirmed

**Evaluating the effects of inhaled corticosteroid on insulin sensitivity in asthmatic patients**

Hanieh Raji, Seyed Hamid Borsi, Homeira Rashidi, Maryam Shaabanpour, Speaker to be confirmed

**Impact of co-administration of fevipiprant (QAW039) and SLCO1B1 genotype on the PK of simvastatin and rosuvastatin**

Avantika Barve, Hanns-Christian Tillmann, Emma Ilsley, Janardhana Vemula, Alexandra Nica, Georges Imbert, Walid Elbast, Hilmar Schiller, Gian Camenisch, Ralph Woessner, Speaker to be confirmed

**Absorption, metabolism and excretion of fevipiprant (QAW039) investigated in vivo and in vitro**

David Pearson, Yi Jin, Veit J. Erpenbeck, Ralph Woessner, Gian Camenisch, H. Markus Weiss, Speaker to be confirmed

**Blood eosinophil dose response to oral corticosteroids in a population of patients with severe asthma**

Daren Austin, Isabelle Pouliquen, Oliver Keene, Steve Yancey, Speaker to be confirmed

**The allergen-specific immunotherapy efficiency is dependent on patient's parasitic status**

Mary Kuropatenko, Natalia Platonova, Zarrina Azamova, Elizaveta Agapova, Ludmila Zhelenina, Speaker to be confirmed

**Antituberculosis fixed multi-dose combination and single drug therapy in active tuberculosis: What is about drug hypersensitivity reactions?**

Sabrina Majdoub, Hafaoua Daghfouss, Soumaya Ben Saad, Achraf Ben Tkhatat, Fatma Tritar, Speaker to be confirmed

**Clinical experience with montelukast plus ICS vs. only ICS in non-asthmatic eosinophilic bronchitis (NAEB) in Indian patients**

Kshitij Mandke, Anup Mandke, Speaker to be confirmed

**Domiciliary diurnal variation of fractional exhaled nitric oxide (FeNO) for predicting short-term treatment effect**

Manabu Uematsu, Junpei Saito, Suguru Sato, Atsuro Fukuhara, Yasuhito Suzuki, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

**4-year trajectory of medication adherence amongst severe asthma patients: Risk factors and impact on asthma control**

Li Ieng Tan, Michelle Li Wei Kam, Anthony Chau Ang Yui, Qi Cao, Ming Chai Kong, Mevin Cheen Hua Heng, Santhi Nallappen, Keng Yong Ong, Therese Sophie Lapperre, Mariko Siyue Koh, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Comorbidities and exacerbations in COPD****Chairs :****The frequency of COPD exacerbations is related to the comorbidity profile**

Emin Hoxha Ekström, Maria Andersson, Maria Gerhardsson de Verdier, Jan Hedner, Ann Ekberg Jansson, Max Petzold, Kjell Torén, Mikael Svensson, Speaker to be confirmed

**Relation of American Heart Association's life's simple 7 cardiovascular health factors with chronic obstructive pulmonary disease**

Hwa Mu Lee, Angela Lee, Chi Kieu, Nathan Wong, Speaker to be confirmed

**Analysis of the frequency of COPD exacerbations in the 'real-life' DACCORD study over a 2 year period**

Heinrich Worth, Roland Buhl, Carl-Peter Criece, Peter Kardos, Claudia Mailänder, Nadine Lossi, Claus Vogelmeier, Speaker to be confirmed

**Comorbidity in patients with IHD - the prevalence of COPD**

Daria Didenko, Lesya Rasputina, Yuriy Mostovoy, Nataliya Cherepii, Speaker to be confirmed

**Risk of pneumonia in chronic obstructive pulmonary disease patients treated with inhaled corticosteroids. Results from the OUTPUT study**

Nera Agabiti, Silvia Cascini, Lisa Bauleo, Ursula Kirchmayer, Valeria Belleudi, Mirko Di Martino, Riccardo Pistelli, Giulio Formoso, Danilo Fusco, Marina Davoli, Speaker to be confirmed

**Systematic analysis of self-reported comorbidities in the COSYCONET COPD cohort study by stepwise evaluation of medication**

Tanja Lucke, Ronald Herrera, Margarethe Wacker, Rolf Holle, Frank Biertz, Dennis Nowak, Rudolf Maria Huber, Sandra Sö hler, Claus Vogelmeier, Joachim Ficker, Harald Mü ckter, Rudolf A. Jö rres, Speaker to be confirmed

**Prevalence of common diseases in COPD patients versus lung-healthy control subjects: Results from the German COSYCONET study**

Stefan Karrasch, Anne Obst, Sandra Sö hler, Barbara Thorand, Cornelia Huth, Karl-Heinz Ladwig, Claudia Flexeder, Margarethe Wacker, Annette Peters, Joachim Heinrich, Ralf Ewert, Dennis Nowak, Rudolf A. Jö rres, Claus Vogelmeier, Sven Glä ser, Holger Schulz, COSYCONET Study Group, Speaker to be confirmed

**One-year mortality in COPD patients after severe exacerbation**

Evgeni Mekov, Yanina Slavova, Adelina Tsakova, Marianka Genova, Dimitar Kostadinov, Delcho Minchev, Dora Marinova, Mihail Boyanov, Speaker to be confirmed

**2 years in the life of COPD patients: Evolution of GOLD 2011 classification in the 'real-life' DACCORD study**

Roland Buhl, Carl-Peter Crié e, Peter Kardos, Claus Vogelmeier, Claudia Mailä nder, Nadine Lossi, Heinrich Worth, Speaker to be confirmed

**Predictors of COPD in high risk individuals seen in primary care**

Oliver Tupper, Peter Kjeldgaard, Anders Lø kke, Charlotte Suppli Ulrik, Speaker to be confirmed

**Global associations between air pollutants and chronic obstructive pulmonary disease (COPD) exacerbations: A systematic review**

Elizabeth Moore, Lia Chatzidiakou, Moyosore-Oluwa Kuku, Roderic Jones, Liam Smeeth, Sean Beevers, Frank Kelly, Benjamin Barratt, Jennifer Quint, Speaker to be confirmed

**Validation of the COPD control concept: A UK pilot**

Shawna Tan, Marc Miravittles, Juan Jose Soler-Cataluna, Bernardino Alcazar, Anjan Nibber, Alison Chisholm, Joan B. Soriano, David Price, Speaker to be confirmed

**Night-time symptoms and sleep disturbances in patients with COPD**

Ulf Holmgren, Mark Small, Gina Bergströ m, Bo Ding, Speaker to be confirmed

**Comorbidities and COPD severity: The French Palomb cohort**

Chantal Raherison-Semjen, El-Hassane Ouaalaya, Laurent Falque, Alain Bernady, Jean-Michel Dupis, Marielle Sabatini, Laurent Nguyen, Annaig Ozier, Cecilia Nocent-Eijnaini, Frederic Le Guillou, Christophe Roy, Elodie Blanchard, Helene Jungmann, Julien Casteigt, Emilie Berteaud, Francois Pellet, Speaker to be confirmed

**Prevalence of comorbidities in patients with chronic obstructive pulmonary disease in presence of heart failure**

Rafael Herná ndez-Zenteno, Brenda Santellano-Juá rez, Arturo Orea-Tejeda, Dulce Gonzalez, Juan Pineda-Juá rez, Rocí o Sá nchez-Santillá n, Viridiana Pelá ez-Herná ndez, Alejandra Velá zquez-Montero, Carlos Cí ntora-Martí nez, Raú l Herrera-Saucedo, Elisa Pé rez-Cabañ as, Edna Contreras-Ramí rez, Raú l Sansores-Martí nez, Speaker to be confirmed

**Co-morbidities and pulmonary arterial hypertension (PAH) in COPD patients**

Velin Stratev, Tanya Dobрева, Valentina Dimitrova, Diana Petkova, Speaker to be confirmed

**Prolonged length of hospital stay associated with the type of heart failure in patients with chronic obstructive pulmonary disease**

Ernesto Juá rez-Leó n, Brenda Santellano-Juá rez, Arturo Orea-Tejeda, Dulce Gonzalez, Rocí o Sá nchez-Santillá n, Juan Pineda-Juá rez, Viridiana Pelá ez-Herná ndez, Carlos Cí ntora-Martí nez, Raú l Herrera-Saucedo, Elisa Pé rez-Cabañ as, Edna Contreras-Ramí rez, Gerardo Leija-Alba, Raú l Sansores-Martí nez, Alejandra Velá zquez-Montero, Speaker to be confirmed

**COPD exacerbations and predictors in a general population**

Marta Erdal, Ane Johannessen, Tomas Eagan, Per Bakke, Amund Gulsvik, Rune Grønseth, Speaker to be confirmed

**Cardiovascular risk assessment in COPD patients with severe exacerbation**

Evgeni Mekov, Yanina Slavova, Adelina Tsakova, Marianka Genova, Dimitar Kostadinov, Delcho Minchev, Dora Marinova, Mihail Boyanov, Speaker to be confirmed

**Psychiatric co-morbidity in patients admitted with acute exacerbation of chronic pulmonary disease and its relationship with symptom severity**

Claire Blackmore, S.F. Hussain, N.J. Greening, J.E. Williams, T.C. Harvey-Dunstan, E.J. Chaplin, R. Chimera, M.D. Morgan, S.J. Singh, M.C. Steiner, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Astma, COPD and ACOS: physical activity, dietary aspects and burden of diseases**

Chairs :

**Mortality rates in individuals with asthma, COPD and ACOS in a large population-based cohort: Is gender important?**

Camilla Bárány, Zorana Jovanovic Andersen, Kim Overvad, Anne Tjønneland, Charlotte Suppli Ulrik, Speaker to be confirmed

**Vitamin D and respiratory health in the Busselton healthy ageing study**

Siobhain Mulrennan, Michael Hunter, Jennie Hui, John Walsh, Mark Divitini, Matthew Knuiman, Kathy Zhu, Brian Cooke, Arthur (Bill) Musk, Alan James, Speaker to be confirmed

**Relationship of airflow limitation severity with work productivity reduction and sick leave in a Japanese working population**

Hisamitsu Omori, Ayumi Onoue, Kenichi Kubota, Yoshio Nonami, Toshinari Hayashi, Tohru Tsuda, Hiromasa Inoue, Speaker to be confirmed

**Exacerbations and hospitalizations due to exacerbations in asthma-COPD overlap syndrome (ACOS) in PUMA study**

Maria Montes De Oca, Maria Victorina Lopez Varela, Maria Eugenia Laucho Contreras, Alejandro Casas, Eduardo Schiavi, Juan Carlos Mora, Speaker to be confirmed

**Elevated blood eosinophil level and costs for adults with persistent asthma**

Trung Tran, Robert S. Zeiger, Michael Schatz, Qiaowu Li, Wansu Chen, Deepak Khatry, Sarowar Golam, Aniket A. Kawatkar, Speaker to be confirmed

**Association of COPD symptomatic burden with healthcare resource utilization and impairment on work and activity**

Ulf Holmgren, Mark Small, Gina Bergström, Bo Ding, Speaker to be confirmed

**The association between COPD treatment adherence and patient outcomes in Europe and the US**

Ulf Holmgren, Marco DiBonaventura, Niklas Karlsson, Gina Bergstrom, Bo Ding, Speaker to be confirmed

**Dietary fat in respiratory diseases: A multi-case control study**

Lucia Cazzoletti, Marcello Ferrari, Roberto Bono, Liliya Chamitava, Isa Cerveri, Amelia Grosso, Pietro Pirina, Francesco Spelta, Maria Elisabetta Zanolin, Speaker to be confirmed

**Fish intake and pulmonary outcomes in COPDGene**

Corrine Hanson, Harlan Sayles, Tara Nordgren, Russell Bowler, Speaker to be confirmed

**Exercise tests and patient-reported outcomes in COPD-patients; a systematic review**

Martin Bell, Iain Fotheringham, Yogesh Suresh Punekar, John H. Riley, Sarah Cockle, Maurice Driessen, Sally J. Singh, Speaker to be confirmed

**Physical activity and asthma: A longitudinal Respiratory Health in Northern Europe (RHINE) study**

Melissa Russell, Shyamali Dharmage, Francisco Real, Johannessen Ane, Vivi Schlunssen, Cecile Svanes, Speaker to be confirmed

**Associations of metabolic syndrome with physical activity according to the patterns of spirometry in Korean adults**

Tae-Hyung Kim, Sang-Heon Kim, Jang Won Sohn, Ho Joo Yoon, Dong Won Park, Ji Young Yhi, Ji-Yong Moon, Speaker to be confirmed

**Vitamin E supplement usage and pulmonary outcomes in COPDGene**

Corrine Hanson, Harlan Sayles, Russell Bowler, Speaker to be confirmed

**The economic burden of chronic obstructive pulmonary disease in the region of Pleven, Bulgaria**

Nikolay Yanev, Nikolay Kyuchukov, Ilial Krachunov, Zlatina Ivanova, Pavlina Nikolova, Plamen Pavlov, Elena Borisova, Tsania Popova, Yavor Ivanov, Speaker to be confirmed

**Can disease-specific questionnaires describe the effect of comorbidities on health-related quality of life in patients with COPD? A comparison of disease-specific and generic questionnaires in the COSYCONET cohort**

Margarethe Wacker, Rudolf A. Jö rres, Annika Karch, Sarah Wilke, Joachim Heinrich, Stefan Karrasch, Armin Koch, Holger Schulz, Henrik Watz, Reiner Leidl, Claus Vogelmeier, Rolf Holle, Speaker to be confirmed

**Health care visits among women with chronic obstructive pulmonary disease in the United States**

Yewande Odeyemi, Alem Mehari, Speaker to be confirmed

**Association between COPD and obesity among adults in Morocco**

Abdelilah Benslimane, Adil Najdi, Mohamed El Biaze, Chakib Nejjari, Vanessa Garcia Larsen, Karima El Rhazi, Speaker to be confirmed

**Link between macronutrients intake and COPD in Morocco: A cross sectional survey**

Abdelilah Benslimane, Adil Najdi, Mariam Attassi, Moheemmed Chakib Benjelloun, Chakib Nejjari, Vanessa Garcia Larssen, Karima El Rhazi, Speaker to be confirmed

**Comparison of physical activity measures assessed by two different accelerometers in COPD patients**

Stefan Karrasch, Julia Schä fer, Gabriela Kiehl, Tanja Lucke, Maike Suß mann, Agnes Luzak, Uta Ochmann, Dennis Nowak, Rudolf A. Jö rres, Claus Vogelmeier, Henrik Watz, Holger Schulz, COSYCONET Study Group, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Occupational epidemiology****Chairs :****Psychological, quality of life, and work-limitation outcomes among occupational asthma and work-exacerbated asthma subgroups**

Joshua Lipszyc, Frances Silverman, Dorothy Linn Holness, Gary Liss, Kim Lavoie, Susan Tarlo, Speaker to be confirmed

**Impact of work-related respiratory symptoms on quality of life and productivity in British woodworkers**

Ruth Wiggans, Jade Sumner, Ed Robinson, Chris Barber, Speaker to be confirmed

**Assessment of asthma in firefighter applicants**

Joanna Szram, Bernadette Fitzgerald, Susan Schofield, Paul Cullinan, Speaker to be confirmed

**The impact of first occupation on the occurrence and worsening of asthma in young adults**

Shlomo Moshe, Yaron Yagev, Ayala Krakov, Oren Zack, Speaker to be confirmed

**The characteristics of work-related asthma in a prospective asthma cohort**

Taehoon Lee, Chan Sun Park, Byung Ju Kang, Chang Sun Sim, Seung Won Ra, Kwang Won Seo, Yangjin Jegal, Jong Joon Ahn, Speaker to be confirmed

**How occupational asthma is detected among workers participating medical surveillance?**

Hille Suojalehto, Kirsi Karvala, Irmeli Lindströ m, Speaker to be confirmed

**Years in farming, inhalation fever (ODTS) and smoking increases the risk for asthma and other respiratory symptoms in farmers**

Anna Rask-Andersen, Speaker to be confirmed

**Characterization of emphysema in active farmer's lung disease**

Thibaud Soumagne, Marie Laure Chardon, Gael Dournes, Lucie Laurent, Bruno Degano, Franç ois Laurent, Jean Charles Dalphin, Speaker to be confirmed

**The utility of airfied RPE in the management of workers with metal-working fluid occupational asthma**

Aslihan Ç akaloglu Ilgaz, Vicky Moore, Wendy Robertson, Alastair Robertson, Sherwood Burge, Speaker to be confirmed

**Respiratory symptoms in miners survived from soma mine disaster**

Yavuz Havlucu, Fatma Evyapan, Ece Kaya, Peri Arbak, Aysin Sakar Coskun, Arzu Yorgnacioglu, Speaker to be confirmed

**Severe emphysema in heavily indium-exposed workers: Case reports from a 10-year cohort study**

Makiko Nakano, Kazuyuki Omae, Miyuki Hirata, Akiyo Tanaka, Speaker to be confirmed

**Longitudinal lung function change in asbestos exposed workers in Navarra**

Pablo Antonio Sanchez Salcedo, Belen Marin Martinez, Dunibel Morillo Vanegas, Tamara Gutierrez Urra, Izaskun Jimenez Setuain, Vega Garcí a Lopez, Pilar Cebollero Rivas, Javier Hueto Perez de Heredia, Speaker to be confirmed

**Cross-shift lung function in relation to cotton dust and endotoxin exposure in non-smoking female textile workers: A cross-sectional study**

Matt O' Bryan, Priyamvada Paudyal, Speaker to be confirmed

**The effect of organic dust exposure on change in lung function – A systematic review**

Anneli Clea Bolund, Martin R. Miller, Torben Sigsgaard, Vivi Schli nssen, Speaker to be confirmed

**Working in a petroleum refinery predicts lower lung function parameters**

Dragan Mijakoski, Jovanka Karadzinska-Bislimovska, Sasho Stoleski, Jordan Minov, Speaker to be confirmed

**Silica exposure, silicosis, autoimmune diseases, tuberculosis and nontuberculous pulmonary mycobacterial disease**

Rafael Futoshi Mizutani, Elisa Maria Siqueira Lombardi, Ubiratan de Paula Santos, Má rio Terra-Filho, Speaker to be confirmed

**Phenotyping occupational asthma due to isocyanates**

Paola Mason, Gabriella Guarneri, Maria Cristina Scarpa, Piero Maestrelli, Speaker to be confirmed

**Occupational groups associated With asthma-related respiratory symptoms in a cross-sectional study from Norway**

Regine Abrahamsen, Anne Kristin Mø ller Fell, Martin Veel Svendsen, Kjell Toré n, Paul K. Henneberger, Johnny Kongerud, Speaker to be confirmed

**Is data quality more important than data quantity in occupational asthma diagnosis from PEF records?**

Vicky Moore, Cedd Burge, Alastair Robertson, Sherwood Burge, Speaker to be confirmed

**A new method for performing specific challenge tests to chlorine-releasing agents**

Vicky Moore, Sherwood Burge, Edward Parkes, Alastair Robertson, Gareth Walters, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Public health and epidemiology of smoking and smoking related products**

Chairs :

**Change in primary care physician knowledge regarding smoking cessation after a brief training intervention**

Charis Girvalaki, Sophia Papadakis, Constantine Vardavas, Andrew Pipe, Christos Lionis, Speaker to be confirmed

**Trends in smoking habits in Europe: Are anti-smoking policies overlooking pre-adolescents?**

Alessandro Marcon, Giancarlo Pesce, Judith Garcia Aymerich, Shyamali C. Dharmage, Christer Janson, Deborah Jarvis, Melanie Matheson, Cosetta Minelli, Torsten Zuberbier, Simone Accordini, Speaker to be confirmed

**Benefit of smoking cessation forum**

Vanessa Ashby, Alison Walsh, Elizabeth Fisher, Thida Win, Speaker to be confirmed

**Associated factors for dual user of hookah and cigarette**

Ali Abdolahinia, Zahra Hessami, Habib Emami, Mohammad Reza Masjedi, Speaker to be confirmed

**Compliance to smoke-free legislation among Istanbul hospitality premises in 2015**

Pinar Ay, Efza Evrengil, Eda Uslu Tugtepe, Murat Gü ner, Elif Dagli, Speaker to be confirmed

**Clinical and demographical factors influencing smoking cessation rates**

Bilgen Esmer, Tijen Sengezer, Funda Aksu, Adem Ö zkara, Kurtulus Aksu, Speaker to be confirmed

**Low cigarette smoking prevalence in two resource-limited settings in Peru: Results from a population-based study of tobacco use by self-report and urine cotinine**

Brooks Morgan, Kathryn M. Leifheit, Karina M. Romero, Robert H. Gilman, Antonio Bernabe-Ortiz, J. Jaime Miranda, John J. Lima, William Checkley, Speaker to be confirmed

**Assessment of public awareness on COPD in Singapore in a one-day awareness campaign**

Kelly Chng, Debby Lee, Augustine Tee, Speaker to be confirmed

**Shadow report on violation of tobacco display and advertisement bans at points of sale 2015**

Efza Evrengil, Murat Gü ner, Ummuhan Pece, Elif Dagli, Speaker to be confirmed



**Implementation of smokefree policies in healthcare institutions: Package approach**

Victoria Donitova, Nikolay Antonov, Galina Sakharova, Speaker to be confirmed

**Determinants of cigarette smoking consumption among adolescents from Transylvania region, Romania**

Andreea Coman, Doina Todea, Speaker to be confirmed

**Romanian experience in running COPD awareness campaigns**

Ramona Elena Nedelcu, Florin Dumitru Mihaltan, Amelia Ionescu, Speaker to be confirmed

**The sale and distribution of tobacco products in Iran, ten years after FCTC**

Ali Abdolahinia, Alireza Javadi, Zahra Hessami, Alireza Eslaminejad, Mohammad Reza Masjedi, Speaker to be confirmed

**What is known about pictorial health warnings on cigarette packages in Malatya?**

Seda Beyhan Sagmen, Mikail Ozdemir, Speaker to be confirmed

**Field survey of secondhand smoke (SHS) exposure from smoking housemates at home among Japanese high school students**

Naoto Watanabe, Kazunori Arai, Sohei Makino, Speaker to be confirmed

**Analysis of tobacco control in Turkey through political mapping**

Tanzer Gezer, Elif Dagli, Fusun Yildiz, Osman Elbek, Speaker to be confirmed

**Prevalence and associated factors of tobacco use in Tehran: BOLD study in Tehran**

Hooman Sharifi, Makan Sadr, Habib Emami, Mostafa Ghanei, Mohammad Reza Masjedi, Speaker to be confirmed

**Knowledge, attitudes and behaviours of health professionals regarding the new tobacco control law in Russia**

Marine Gambaryan, Anna Kalinina, Speaker to be confirmed

**Stigma and sensitization to smoking among health professionals**

A.S. Siebeneichler, G.M. Lima, F.A. Oliveira, R. Borges, R.M. Kiss, G.C. Santos, M.W. Gerbase, Speaker to be confirmed

**Do general practitioners advise their patients with respiratory illnesses to quit smoking?**

Jayachandra Rao Balachandran, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Role of genetics and exposures in COPD and asthma**

Chairs :

**ALOX15 gene polymorphisms in Japanese patients with aspirin-exacerbated respiratory disease (AERD)**

Ryosuke Souma, Kenya Koyama, Akemi Koyama, Shyuzo Abe, Junichiro Morioka, Kei Sugitate, Takayoshi Fujimatsu, Hajime Arifuku, Kentaro Nakano, Tomoshige Wakayama, Hideyuki Satoh, Hirokuni Hirata, Kumiya Sugiyama Sugiyama, Yasutsugu Fukushima, Speaker to be confirmed

**Role of TRPV1 and TRPV2 gene polymorphisms in the development of airway hyperresponsiveness to osmotic stimuli in patients with asthma**

Denis Naumov, Juliy Perelman, Anna Prikhodko, Victor Kolosov, Elizaveta Sheludko, Speaker to be confirmed

**Replication association study IREB2, CHRNA5, CHRNA3, CHRNB4, FAM13A, HTR4, and HHIP genes polymorphisms with chronic obstructive pulmonary disease in Tatar population from Russia**

Guly F. Korytina, Leysan Z. Akhmadishina, Kristina Y. Knyazeva, Yuliya G. Aznabaeva, Tatyana V. Viktorova, Shamil Z. Zagidullin, Speaker to be confirmed

**Systematic dissection of ORMDL3 function in vitro and in vivo**

Youming Zhang, Charlotte Dean, Stephan Loeser, Lisa Gregory, Clare Lloyd, Miriam Moffatt, William Cookson, Speaker to be confirmed

**Transgenerational epigenetics: Maternal and grandmaternal gestational smoking influences DNA methylation of the AHRR gene**

Veeresh K. Patil, Nandini Mukherjee, Gabrielle Lockett, Hongmei Zhang, Wilfried Karmaus, John W. Holloway, S. Hasan Arshad, Speaker to be confirmed

**Cardio-metabolic disorder in grandparents associated with asthma in offspring: Results from a European 3-generation analysis**

Anne-Elie Carsin, Francisco Real, Xavier Basagana, Simone Accordini, Shyamali Dharmage, Vivi Schlünsen, Bryndís Benediktsdóttir, Benedicte Leynaert, Christer Janson, Jordi Sunyer, Julia Dratva, Debbie Jarvis, Cecilie Svanes, Speaker to be confirmed

**Association between candidate gene polymorphisms and asthma severity in adults. A Bayesian analysis**

Lucia Calciano, Laura Portas, Cristina Bombieri, Marcello Ferrari, Giovanni Malerba, John R. Thompson, Simone Accordini, Speaker to be confirmed

**Effects of ICS/LABA treatment on hyperinflation and genome wide gene-expression in upper airway epithelium in severe COPD**

Kai Imkamp, Alen Faiz, Erica van der Wiel, Ilse Boudewijn, Gerard Koppelman, Corry-Anke Brandsma, Huib Kerstjens, Wim Timens, Sebastiaan Vroegop, Henk Pasma, Wim Boersma, Pascal Wielders, Frank van den Elshout, Khaled Mansour, Katrina Steiling, Avrum Spira, Marc Lenburg, Irene Heijink, Dirkje Postma, Maarten van den Berge, Speaker to be confirmed

**Alpha-1 antitrypsin phenotype determination using sebia isoelectrofocusing on dried blood spot samples**

Stefania Ottaviani, Valentina Barzon, Laura Divizia, Angelo Guido Corsico, Ilaria Ferrarotti, Speaker to be confirmed

**Influence of ADR 2 gene polymorphism on the level of bronchial obstruction and body mass index in patients with bronchial asthma**

Vladyslava Kmyta, Anna Bondarkova, Lyudmyla Prystupa, Speaker to be confirmed

**Variants of apelin gene and COPD**

Ender Coskunpinar, Engin Aynaci, Abdullah Melekoglu, Pinar Yildiz, Speaker to be confirmed

**Detection of alpha1-antitrypsin deficiency in a European country without national registry yet**

Leonor da Hora Lopes Meira, Rita Boaventura, Susana Seixas, Maria Sucena, Speaker to be confirmed

**Characterization of microbiome in patients with lung cancer comparing with benign mass-like lesions**

Jisoo Choi, Moo Suk Pack, Dong Eun Yong, Ji Yeon Sung, Sang Hoon Lee, Eun Hye Lee, Ji Eun Park, Mi Hwa Shin, Speaker to be confirmed

**meQTL analysis of asthma GWAS loci and DNA methylation**

Ashish Kumar, Cilla Söderhäll, Simon Merid, Chengjian Xu, Olena Gruzieva, Gerard Koppelman, Juha Kere, Göran Pershagen, Erik Melén, Speaker to be confirmed

**Interactions of genetic variants and DNA-M of TSLP modify the eczema risk**

Rumana Siddique, Hongmei Zhang, Hasan Arshad, John Holloway, Wilfried Karmaus, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: What's new in paediatric respiratory physiology****Chairs :****The functional capacity of children with post-infectious obliterative bronchiolitis**

Nuala Harnett, Ruth Lamb, Matthew Thomas, Samantha Moss, Speaker to be confirmed

**Poor agreement between haemoglobin oxygen saturation measured by pulse oximetry and arterialized earlobe blood gas in ambulatory paediatric sickle cell patients**

Sean Zheng, Gary Ruiz, Fiona Chan, Subarna Chakravorty, Cara Bossley, David Rees, Atul Gupta, Speaker to be confirmed

**Post-operative lung function impairment in infants with congenital diaphragmatic hernia**

Malin Rohdin, Peter Radell, Alejandro Sanchez Crespo, Sten Erik Bergström, Speaker to be confirmed

**Does physical activity affect respiratory muscle strength?**

Nidhal Talib, Erol Gaillard, Maria Viskaduraki, Caroline Beardsmore, Speaker to be confirmed

**Effect of salbutamol on respiratory muscle strength in children with SMA: A pilot study**

Sonia Khirani, Ivana Dabaj, Alessandro Amaddeo, Jorge Olmo-Arroyo, Stéphane Tirolien, Véronique Coudert, Brigitte Estournet, Brigitte Fauroux, Susana Quijano-Roy, Speaker to be confirmed

**Effect of inspiratory resistive loading on diaphragmatic muscle function of preterm and term infants**

Sotirios Fouzas, Aggeliki Vervenioti, Gabriel Dimitriou, Speaker to be confirmed

**Applicability of interrupter technique to assess airways resistance in term and preterm infants**

Désirée Demann, Jakob Usemann, Pinelopi Anagnostopoulou, Urs Frey, Philipp Latzin, Speaker to be confirmed

**Ventilatory efficiency in children and adolescents born extremely preterm**

Julie Hestnes, Hedda Hoel, Ola Røksund, Bente Frisk, Einar Thorsen, Thomas Halvorsen, Maria Vollsæter, Hege Clemm, Speaker to be confirmed

**Oxidative stress in ciliated nasal epithelial cells from patients with primary ciliary dyskinesia**

Ana Reula, Amparo Escribano, Silvia Castillo, Sara Pastor, Silvia Vicente, Armengot Miguel, Francisco Jose Dasi Fernandez, Irene Garcia, Speaker to be confirmed

**Lung clearance index is stable in most primary ciliary dyskinesia (PCD) patients managed in a specialist centre: A pilot study**

Samantha Irving, Siobhan Carr, Claire Hogg, Michael Loebinger, Amelia Shoemark, Andrew Bush, Speaker to be confirmed

**Characteristics of exercise induced bronchoconstriction in asthmatic children according to exhaled nitric oxide**

Aurélie Tatopoulos, Claude Bonabel-Chone, Silvia Demoulin-Alexikova, Iulia Ioan, François Marchal, Cyril Schweitzer, Speaker to be confirmed

**Monitoring respiratory rate from pulse oximeter plethysmogram analysis in acutely wheezy young children**

David Wertheim, Cathy Olden, Sophie Banks, Rebecca Ramsay, Liz Symes, Catherine Bevan, Paul Seddon, Speaker to be confirmed

**Impaired respiratory mechanics are not associated with an increased risk of perioperative respiratory complications in children**

Anoop Ramgolam, Zoltan Hantos, Guicheng Zhang, Britta Regli Von-Ungern Sternberg, Graham Hall, Speaker to be confirmed

**Forced oscillation technique outcomes do not predict higher risk of perioperative respiratory complications in obese children**

Anoop Ramgolam, Zoltan Hantos, Guicheng Zhang, Britta Regli Von-Ungern Sternberg, Graham Hall, Speaker to be confirmed

**Calculation of Scnd between 0 and 3 lung turn over (Scnd\*) in mild to moderate chronic lung disease**

Sylvia Nyilas, Anja Bigler, Sophie Yammine, Cordula Koerner-Rettberg, Isabelle Rochat, Alexander Moeller, Gaudenz Hafen, Carmen Casaulta, Philipp Latzin, Florian Singer, Speaker to be confirmed

**Comparison of functional residual capacity (FRC) from two multiple breath washout (MBW) systems and body plethysmography**

Katie Bayfield, Eric Alton, Samantha Irving, Jane Davies, Speaker to be confirmed

**Validation of nitrogen washout (N<sub>2</sub>-WO) for measurement of lung clearance index (LCI) and functional residual capacity (FRC) in preschoolers**

Emma Raywood, Julie Duncan, Laura Viviani, Andy Bush, Paul Aurora, Speaker to be confirmed

**Comparison of lung function in Congolese vs African American children**

Michele Arigliani, Mario C. Canciani, Leon Thsilolo, Robert Kitenge, Tontonp Mfuanani, Paola Cogo, Philip H. Quanjer, Speaker to be confirmed

**Concordance between oscillometric and spirometric lung function measures in bronchodilator response test for the detection of airway obstruction**

HyeMi Jee, Eun Gyo Ha, Ho Min Jang, Seung Jin Lee, Youn Ho Shin, Ji Hyeon Baek, Kyung Suk Lee, Young Ho Jung, Man Yong Han, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Drugs, bugs, BMI and other problems in paediatric asthma**

Chairs :

**Treatment pattern of inhaled corticosteroids in preschool children across Norwegian counties**

Ingvild Mikalsen, Øystein Karlstad, Kari Furu, Knut Øymar, Speaker to be confirmed

**A "real life" study on height in prepubertal asthmatic children receiving inhaled steroids**

Elpis Hatziaiorou, Vasiliki Avraamidiou, Maria Papagianni, Maria Karailidou, Dafni Papanikolaou, Despoina Terzi, Fotis Kirvassilis, Ioannis John Tsanakas, Speaker to be confirmed

**Real life experience of omalizumab on selected children with severe allergic asthma**

Rania Abusamra, Sarah Latham, Shrabani Chakraborty, Marc Woodman, Cara Bossley, Gary Ruiz, Atul Gupta, Speaker to be confirmed

**Broncho dilator response to salbutamol delivered by metered dose inhaler with spacer versus dry powder inhaler in acute asthma in children**

Saifuddin Khaled, Firoza Akter, Speaker to be confirmed

**The role of allergen immunotherapy in children with mild to moderate asthma**

Djordje Filipovic, Ivana Djuric-Filipovic, Speaker to be confirmed

**Once-daily tiotropium Respimat® add-on therapy improves PEF in participants aged 6-17 years with symptomatic asthma**

Eckard Hamelmann, Christian Vogelberg, Jonathan A. Bernstein, Thomas Harper III, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Helen Finnigan, Stanley J. Szeffler, Speaker to be confirmed

**Allergen specific immunotherapy: Effect on immunological markers and clinical outcomes in asthmatic children**

Ivana Filipovic, Zorica Zivkovic, Djordje Filipovic, Speaker to be confirmed

**Efficacy and safety of inhaled corticosteroids in combination with a long-acting beta2-agonist in asthmatic children under age 5**

Elpida Hatziaorou, Dafni Papanikolaou, Despoina Terzi, Penelope Anagnostopoulou, Fotios Kirvassilis, John Tsanakas, Speaker to be confirmed

**Effect of vitamin d therapy on the pulmonary functions in pediatric asthma and allergic rhinitis**

Keya Rani Lahiri, Fehmida Najmuddin, Khushal Avasthi, Speaker to be confirmed

**Bronchodilator responsiveness after ICS treatment**

Snezhina Lazova, Guergana Petrova, Dimitrinka Miteva, Vera Papochieva, Penka Perenovska, Speaker to be confirmed

**Prescription of asthma medications in preschool children across Norwegian counties**

Ingvild Mikalsen, Øystein Karlstad, Kari Furu, Knut Øymar, Speaker to be confirmed

**Allergic bronchopulmonary mycosis due to rhizopus nigricans in two siblings with and without CF?**

Stefanie Benzrath, Anne Schlegtehdal, Folke Brinkmann, Cordula Koerner-Rettberg, Speaker to be confirmed

**Study of therapeutics effects of montelukast in asthmatic children**

Gordana Kostic, Slavica Markovic, Zoran Igrutinovic, Zorica Raskovic, Jelena Nestorovic, Marina Petrovic, Nevenka Ilic, Vida Pavlovic, Speaker to be confirmed

**Antileukotriens in management of paediatric asthma: The hormon-reducing force**

Marina Arama, Tatiana Gorelco, Tatiana Kuleshina, Speaker to be confirmed

**Duration of inhaled corticosteroid therapy in children with asthma and frequency of community-acquired pneumonia in them**

Zoia Nesterenko, Speaker to be confirmed

**Safety of tiotropium Respimat® add-on therapy in patients aged 6-17 years with symptomatic asthma**

Christian Vogelberg, Stanley J. Szeffler, Eckard Hamelmann, Attilio Boner, Petra Moroni-Zentgraf, Michael Engel, Georges El Azzi, Helen Finnigan, Mark Vandewalker, Speaker to be confirmed

**Evaluation of disorders upper airway in children with asthma associated with gastroesophageal reflux disease**

Ianos Adam, Svetlana Sciuca, Rodica Selevestru, Speaker to be confirmed

**Basic self-reports as an indicator of physical activity**

Thomas Westergren, Karin C. Lødrup Carlsen, Kai-Håkon Carlsen, Petter Mowinckel, Liv Fegran, Sveinung Berntsen, Speaker to be confirmed

**Sex differences in the prevalence of rhinitis: A systematic review and meta-analysis**

Mariona Pinart, Theresa Keller, Andreas Reich, Matthias Fröhlich, Bálint Cabieses, Cynthia Hohmann, Dirkje S. Postma, Jean Bousquet, Josep M. Antó, Thomas Keil, Speaker to be confirmed

**Analysis of the inflammatory profile of children with controlled and uncontrolled severe asthma**

Miriam Eller, Karina Vergani, Beatriz Saraiva-Romanholo, Leila Antonangelo, Thais Mauad, Joaquim Rodrigues, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Cystic fibrosis - miscellaneous

Chairs :

**Effect of nebulizer system on tobramycin concentration using functional respiratory imaging (FRI)**

Aukje Bos, Cedric Van Holsbeke, Jan De Backer, Hettie Janssens, Wim Vos, Harm Tiddens, Speaker to be confirmed

**Ivacaftor-as effective in clinical practice?**

Ayesha Aziz, Julia Borowicz-Klementowicz, Helen Barker, Christopher Johnson, Nadia Shafi, Charles Haworth, Andres Floto, Uta Hill, Speaker to be confirmed

**Risk of asthma in heterozygous carriers for cystic fibrosis: A meta-analysis**

Anne Orholm Nielsen, Sadaf Qayum, Pierre Nouridine Bouchelouche, Lars Christian Laursen, Ronald Dahl, Morten Dahl, Speaker to be confirmed

**Changes in total IgE levels predict pulmonary outcome in cystic fibrosis related allergic bronchopulmonary aspergillosis**

Florian Gothe, Matthias Kappler, Matthias Griese, Speaker to be confirmed

**National survey of hearing assessment in patients with cystic fibrosis in the UK**

Rania Abusamra, Atul Gupta, Speaker to be confirmed

**How useful is the lung ultrasound in cystic fibrosis?**

Ioana Ciuca, Liviu Pop, Monica Marc, Cristian Oancea, Speaker to be confirmed

**The burden of sinus disease in CF candidates for lung transplantation**

Letizia Corinna Morlacchi, Mark Greer, Igor Tudorache, Francesco Blasi, Tobias Welte, Jochen G. Mainz, Jens Gottlieb, Speaker to be confirmed

**Endothelial dysfunction in children and young adults with cystic fibrosis – A combined diagnostic approach of plethysmographic and biochemical markers: New applications**

Marcela Kreslova, Aneta Masopustová, Petr Jehlicka, Michal Huml, Radka Bittenglová, Ladislav Trefil, Josef Šýkora, Speaker to be confirmed

**Respiratory commensal streptococcus spp do not modulate the outcome of pseudomonas aeruginosa infection in vivo**

Aduragbemi Faniyi, Alice Dubois, Michael Tunney, Rebecca Ingram, Speaker to be confirmed

**Newborn screening for cystic fibrosis in Spain**

Silvia Gartner, Maria J. Alonso, Joan Figuerola, Josep Sirvent, Pedro Mondejar, Carlos Martin, Valle Velasco, Adelaida Lamas, Carlos Vazquez, Amparo Escribano, Maria J. Cabero, Estela Ruiz, Oscar Asensio, Maria Coll, Alicia Callejón, Antonio Aguilar, Maribel Barrios, Gloria Garcia, José R. Villa, Isabel Pellecín, Isidoro Cortell, Speaker to be confirmed

**VE/ VCO2 and VO2/ WR exercise testing slopes can reflect HRCT damages in cystic fibrosis youths**

Asterios Kampouras, Elpis Hatziaorou, Vasiliki Avramidou, Vasiliki Georgopoulou, Despoina Terzi, Dafni Papanikolaou, Fotis Kirvassilis, Ioannis John Tsanakas, Speaker to be confirmed

**Multi-center validation study on feasibility of multiple-breath washout technique in infants and toddlers with cystic fibrosis**

Mirjam Stahl, Cornelia Joachim, Simon Gräber, Sandra Barth, Isabell Baumann, Gesa Diekmann, Matthias Kopp, Lutz Nährlich, Marcus Mall, Speaker to be confirmed

13:00 - 14:15

**Assembly members' meeting: Assembly 2 Respiratory intensive care**

Incl. Groups 2.1 Acute critical care and 2.2 Non-invasive ventilatory support

**Chairs :** Chair to be confirmed

13:00 - 14:15

**Assembly members' meeting: Assembly 4 Clinical physiology, sleep and pulmonary circulation**

Incl. Groups 4.1 Clinical respiratory physiology, exercise and functional imaging, 4.2 Sleep and control of breathing and 4.3 Pulmonary circulation and pulmonary vascular disease

**Chairs :** Chair to be confirmed

13:00 - 14:15

**Assembly members' meeting: Assembly 8 Thoracic surgery and transplantation**

Incl. Groups 8.1 Thoracic surgery and 8.2 Transplantation

**Chairs :** Chair to be confirmed

13:00 - 14:15

### Assembly members' meeting: Assembly 10 Respiratory Infections

Incl. Groups 10.1 Respiratory infections and 10.2 Tuberculosis

**Chairs :** Chair to be confirmed

13:00 - 14:15

### Assembly members' meeting: Assembly 11 Thoracic oncology

Incl. Groups 11.1 Lung cancer and 11.2 Pleural and mediastinal malignancies

**Chairs :** Chair to be confirmed

13:00 - 14:30

### Championship: 2016 Respiratory Championship

#### Become a champion in respiratory medicine

**Aims :** Watch the four teams compete in this state-of-the-art review of the major fields of respiratory medicine and give it a try yourself by answering the questions with your mobile devices.

**Tag(s) :** Clinical

**Target audience :** Junior member, Pulmonologist, Trainee, Respiratory physician

**Chairs :** Konrad E. Bloch (Zurich, Switzerland), Chair to be confirmed

#### Léman

Speaker to be confirmed

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#### Team 2

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#### Team 3

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#### Team 4

13:00 - 14:30

### Lunchtime session: Climate change and respiratory health

#### new perspectives

**Aims :** Allergic asthma is a heterogeneous disease that is strongly influenced by environmental factors. Many of these factors are influenced by meteorological events and climate change that vary in type and intensity across the world. This session will focus on aspects related to weather and climate conditions which produce their varied effects on this disease, and on the future influence of global climate change and its influence on environmental exposures.

**Target audience :** Missing

**Chairs :** Stephen T. Holgate (Southampton, United Kingdom), Chair to be confirmed

**13:00**      **Climate change, air pollution and allergic respiratory diseases**  
Gennaro D'Amato (Naples, Italy)

**13:22**      **Infectious diseases**  
Isabella Annesi Maesano (Paris, France)

**13:44**      **Biodiversity and its impact on health**  
Tari Haahtela (Helsinki, Finland)

**14:06**      **Occupational diseases**  
Lorenzo Cecchi (Florence, Italy)

13:00 - 14:30

### Lunchtime session: Vitamin D and asthma prevention, COPD screening and bronchoscopic lung volume reduction in emphysema

#### A joint ERS-JAMA lunchtime session

**Aims :** During this lunchtime, the audience will learn about the evidence on whether high-dose prenatal vitamin D supplementation can prevent childhood asthma; whether the available evidence supports population screening or targeted case finding to identify patients with unrecognised COPD; and about the benefits and risks of bronchoscopic lung volume reduction interventions for patients with advanced emphysema.

**Tag(s) :** Clinical**Target audience :** Clinicians**Chairs :** Guy Brusselle (Ghent, Belgium), George O'Connor (Boston, United States of America)**13:00** **Can high-dose prenatal vitamin D supplementation prevent childhood asthma?**  
Hans Bisgaard (Copenhagen, Denmark)**13:30** **Screening and case-finding to detect unrecognised COPD**  
Fernando J. Martinez (New York, United States of America)**14:00** **Bronchoscopic lung volume reduction interventions for severe emphysema**  
Speaker to be confirmed

13:00 - 14:30

**Lunchtime session: AJRCCM - Blue Journal in 2016: a joint ERS lunchtime****Aims :** The aim of this session is to provide a deeper insight into medical publishing and advice on submission processes and how to get a paper published.**Target audience :** Doctors in training, early career researchers, physicians, clinical academics and scientists**Chairs :** Meilan Han (Ann Arbor, United States of America), Wisia Wedzicha (London, United Kingdom), Peter M.A. Calverley (Liverpool, United Kingdom)**13:00** **Highlights in critical care in AJRCCM**  
Laurent Brochard (Toronto, Canada)**13:22** **Moving forward with asthma in AJRCCM**  
Speaker to be confirmed**13:44** **Advances in COPD and ILD AJRCCM**  
Meilan Han (Ann Arbor, United States of America), Speaker to be confirmed**14:06** **AJRCCM: towards our centenary**  
Wisla Wedzicha (London, United Kingdom)

14:45 - 16:45

**Symposium: Complications and comorbidities in idiopathic pulmonary fibrosis****Aims :** Idiopathic pulmonary fibrosis (IPF) is a progressive disease of unknown aetiology that associates with high mortality. The treatment options are limited. The two most common comorbidities that associate with IPF are emphysema and pulmonary hypertension (PH). Both worsen the prognosis of IPF. The prevalence of combined pulmonary fibrosis and emphysema (CPFE) may be as high as 35% (Cottin 2013). PH in IPF has not been extensively studied but its reported incidence ranges from 32% to 84% (Lettieri et al., 2006 and Nadrous et al., 2005). These comorbidities in IPF are a major challenge for both physicians and scientists. The treatment options are limited, largely because of the lack of understanding of the underlying pathophysiology. Moreover, clinical guidelines that recommend how to treat these comorbidities in IPF are lacking. A session where the perspectives of scientists and physicians on comorbidities in IPF can be discussed has not been organised previously. We hope that the present session will further our understanding of the pathogenetic pathways that underlie the deleterious effects of comorbidities in IPF and will help to optimise the management of patients with IPF and comorbidities.**Tag(s) :** Translational**Chairs :** Christian M. Kähler (Wangen im Allgäu, Germany), Athol Wells (London, United Kingdom)**14:45** **The cellular and molecular basis**  
Oliver Eickelberg (Munich, Germany)**15:15** **Genetic and environmental factors of IPF**  
Ivana V. Yang (Denver, United States of America)**15:45** **Emphysema in IPF**  
Vincent Cottin (Lyon, France)**16:15** **Pulmonary hypertension and IPF**  
Soni Savai Pullamsetti (Bad Nauheim, Germany)

14:45 - 16:45

**Symposium: New tools for the early diagnosis of acute respiratory distress syndrome****Aims :** The attendees will become aware of how acute respiratory distress syndrome (ARDS) is defined, the pulmonary and systemic biomarkers of ARDS, and how to detect and prevent early ARDS.

**Track(s) :** Intensive care**Tag(s) :** Clinical**Chairs :** Tobias Welte (Hannover, Germany), Theodoros Vassilakopoulos (Kantza, Greece)

- 14:45**      **Can we predict ARDS?**  
Paolo Pelosi (Milan, Italy)
- 
- 15:15**      **Molecular diagnosis**  
Carolyn Calfee (San Francisco, United States of America)
- 
- 15:45**      **Exhaled air analysis**  
Lieuwe Bos (Amsterdam, Netherlands)
- 
- 16:15**      **Diagnosing pulmonary oedema and permeability**  
Antonio Artigas (Sabadell, Spain)

14:45 - 16:45

**Symposium: Childhood asthma causation****Is it the air they breathe or the food they eat?**

**Aims :** The aims of this session are to provide up-to-date state-of-the-art summaries of the evidence linking ambient air exposure and dietary exposures to childhood asthma; some of the underlying mechanisms will also be reviewed. The evidence linking accelerated growth and childhood obesity to childhood asthma will be summarised, and an overview of developmental programming will be provided. Finally, how environmental factors could influence the development of asthma via epigenetic mechanisms will be described.

**Track(s) :** Epidemiology / Environment Paediatric**Tag(s) :** Translational**Chairs :** Stephen Turner (Aberdeen, United Kingdom), Franca Rusconi (Florence, Italy)

- 14:45**      **Ambient air exposures and childhood asthma causation**  
Olena Gruzieva (Stockholm, Sweden)
- 
- 15:15**      **Early dietary encounters and childhood asthma**  
Graham Devereux (Aberdeen, United Kingdom)
- 
- 15:45**      **Early childhood weight gain: feeding later asthma symptoms?**  
Liesbeth Duijts (Rotterdam, Netherlands)
- 
- 16:15**      **How could environmental exposures influence asthma risk: epigenetics?**  
John Holloway (Southampton, United Kingdom)

14:45 - 16:45

**Symposium: Implementation of collaborative lung function testing**

**Aims :** The aim of this session is to describe a novel collaborative approach to lung function testing in which respiratory specialists provide remote support to community healthcare providers. This approach will improve the efficiency and cost-effectiveness of healthcare, especially in situations where there are epidemics of chronic diseases. The usefulness of this approach with forced spirometry will be described because it is the first diagnostic procedure to be deployed in the field with this approach. However, this approach is also likely to be useful in different geographical areas and with other specialised diagnostic techniques.

**Track(s) :** Epidemiology / Environment Physiology**Tag(s) :** Clinical**Chairs :** Irene Steenbruggen (Zwolle, Netherlands), Karin Lisspers (Gagnef, Sweden)

- 14:45**      **ERS Spirometry Driving Licence: spirometry training and the benefits of quality measurements**  
Brendan Cooper (Birmingham, United Kingdom)
- 
- 15:15**      **Regional deployment of collaborative lung function testing: is the Catalan experience transferable to other settings?**  
Felip Burgos (Barcelona, Spain)
- 
- 15:45**      **Interoperability in healthcare: benefits and challenges**  
Rachelle Kaye (Bet Shemesh, Israel)
- 
- 16:15**      **Impact in a health care system of a global access to quality spirometry**  
Speaker to be confirmed



14:45 - 16:45

**Grand round: Radiology**  
an interactive session

**Aims :** The aim of this interactive session is to promote a multidisciplinary approach for diagnosis and treatment of lung disease. At the end of this session, participants should be able to give the best diagnostic strategy based on the clinical examination and radiological findings in different situations. ERS organises jointly this session with ESR/ESTL.

**Tag(s) :** Clinical

**Target audience :** Pneumologists and non-pneumologists, clinicians, radiologists, pathologists, junior physicians and senior physicians, who want to improve their knowledge in the field.

**Chairs :** Dominique Valeyre (Paris, France), Venerino Poletti (Forlì, Italy)

**14:45** **Time as the fourth dimension of radiology: a patient with diffuse lung disease (interstitial lung disease)**  
Sara Piciocchi (Forlì, Italy)

**15:15** **Nodular lung disease**  
Cornelia Schaefer-Prokop (Amersfoort, Netherlands), Speaker to be confirmed

**15:45** **A patient with dyspnea**  
Heinrike Wilkens (Homburg/Saar, Germany), Speaker to be confirmed

**16:15** **Pneumonia and fever: pulmonary infection**  
Claus Peter Heussel (Heidelberg, Germany)

14:45 - 16:45

**Hot topics: Is sleep apnoea causing cancer?**  
the evidence, limitations, and clinical perspectives

**Aims :** The aim of this hot topic session is to provide the audience with an update of our current knowledge on the potential relationship between sleep apnoea and cancer. Recent data from animal models of both intermittent hypoxia and sleep fragmentation suggest that these challenges characterising obstructive sleep apnea enhance tumor growth and metastasis. Moreover, recent studies in general populations and in patients with suspected sleep apnoea also suggest an association between cancer incidence/mortality and sleep apnoea, although some studies did not observe a positive relationship. The amount of current evidence on this novel and emergent topic has some limitations: data from animal models cannot be directly translated to humans and observational studies only provide indirect evidence. The Hot Topic will present the current evidence available, will focus on its limitations and will identify lacking research and potential clinical implications.

**Track(s) :** Sleep Oncology

**Tag(s) :** Translational

**Chairs :** Renata L. Riha (Edinburgh, United Kingdom), Maria Bonsignore (Palermo, Italy)

**14:45** **Clinical data**  
Miguel Ángel Martínez García (Valencia, Spain)

**15:15** **Animal studies**  
Ramón Farré Ventura (Barcelona, Spain)

**15:45** **Continuous vs intermittent hypoxia mechanisms in cancer**  
Silke Ryan (Dublin, Ireland), Speaker to be confirmed

**16:15** **Limitations of current data and clinical perspective**  
Patrick Levy (Grenoble, France)

14:45 - 16:45

**Hot topics: Traffic air pollution in urban areas**  
a continued cause for concern

**Aims :** The symposium aims to highlight the latest concerns regarding the increasing burden of urban, traffic-derived air pollution, notably particulate matter and diesel exhaust particles (DEP), on human respiratory and cardiovascular health. By the end of the session, delegates will have learned about the issues relating to the impact of the source, size fraction and components of particulate matter on their bioreactivity and pulmonary and cardiovascular health; the modulation of diesel exhaust particle physicochemistry and bioreactivity due to addition of commercial nanocerium; the mechanisms by which inhaled particulate matter might induce adverse respiratory and cardiovascular effects; novel data on the impact of gasoline-derived particles on normal and diseased human respiratory epithelium; and novel insights into the role of DEP activation of transient receptor potential (TRP) ion channels in sensory nerve activation and cough.

Track(s) : **Epidemiology / Environment**

Tag(s) : Translational

Chairs : Terry Tetley (London, United Kingdom), Agnes Boots (Maastricht, Netherlands)

**14:45 Adverse effects of traffic-derived airborne particulate matter: recent health and scientific evidence**  
Flemming Cassee (Utrecht, Netherlands)

**15:15 Respiratory effects of diesel exhaust particles: real-life exposure studies and moderating effect of ceria additive in vitro**  
Speaker to be confirmed

**15:45 Bioreactivity and fate of nanoparticles deposited at the pulmonary epithelial interface: focus of traffic derived particulate matter**  
Marianne Geiser (Bern, Switzerland)

**16:15 Novel mechanism of diesel exhaust particle-induced cough: specific activation of transient receptor potential (TRP) channels in vagal sensory afferent nerves**  
Maria Gabriela Belvisi (London, United Kingdom)

14:45 - 16:45

**Poster Discussion: Best abstracts in exercise capacity and testing in chronic lung diseases**

Chairs :

**Impact of whole body vibration training on balance and muscle power in patients with severe COPD – A randomized, controlled trial**  
Rainer Gloeckl, Ulrike Bengsch, Inga Jarosch, Tessa Schneeberger, Klaus Kenn, Speaker to be confirmed

**High intensity interval training increases the clinical control, aerobic fitness and decreases dyspnea in severe asthmatics**  
Ronaldo Aparecido da Silva, Patrícia Gonçalves Leite Rocco, Flavio Mazzucatto, Alberto Cukier, Rafael Stelmach, Milton Arruda Martins, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

**Carbon-dioxide oscillations during six-minute walk test in patients with very severe COPD**  
Vasileios Andrianopoulos, Lowie E.G.W. Vanfleteren, Inga Jarosch, Rainer Gloeckl, Emiel F.M. Wouters, Martijn A. Spruit, Klaus Kenn, Speaker to be confirmed

**Influence of critical hyperinflation in exercise capacity improvement after pulmonary rehabilitation in severely obstructed patients**  
Vanessa Maria Ferreira dos Santos, Rita Boaventura, Leonor Meira, Paula Martins, Luís Gaspar, Paulo Viana, Emília Araújo, Isabel Gomes, Speaker to be confirmed

**Comparison of activities of daily living in patients with chronic thromboembolic pulmonary hypertension (CTEPH) and idiopathic pulmonary arterial hypertension (IPAH)**  
Ivan Ivanaga, Melline Della Torre de Almeida, Gabriela Figliolino, João Victor Rolim, Roberta Pulcheri Ramos, Eloara Vieira Machado Ferreira, Angelo Cepeda, Carolina S.M. Messina, Luiz Eduardo Nery, José Roberto Jardim, Jaquelina Sonoe Ota Arakaki, Oliver Augusto Nascimento, Speaker to be confirmed

**Exercise-induced oxygen desaturation determinants including pulmonary emphysema in COPD: ECLIPSE data**  
Vasileios Andrianopoulos, Bartolome R. Celli, Frits M.E. Franssen, Victor M. Pinto-Plata, Peter M.A. Calverley, Lowie E.G.W. Vanfleteren, Ioannis Vogiatzis, Jørgen Vestbo, Alvar Agustí, Per S. Bakke, Stephen I. Rennard, William MacNee, Ruth Tal-Singer, Julie C. Yates, Emiel F.M. Wouters, Martijn A. Spruit, Speaker to be confirmed

**Short step length mainly contributes to slow gait speed in elderly patients with COPD**  
Masahiro Iwakura, Kazuki Okura, Atsuyoshi Kawagoshi, Kazuyuki Shibata, Masahiro Satake, Keiyo Sugawara, Hitomi Takahashi, Mitsunobu Homma, Takeshi Kashiwagura, Takanobu Shioya, Speaker to be confirmed

**Longitudinal change in ultrasound measurement of rectus femoris cross-sectional area in COPD**  
Alex Labey, J.L. Canavan, C.M. Nolan, S.E. Jones, S.S.C. Kon, M.I. Polkey, M. Maddocks, W.D.C. Man, Speaker to be confirmed

**Automatically adjusted oxygen flow rates to stabilize oxygen saturation during exercise in O2-dependent and hypercapnic COPD**  
Isabelle Vivodtzev, Erwan L'Her, Claire Yankoff, Angélique Grangier, Gabrielle Vottero, Valérie Mayer, Daniel Veale, François Maltais, François Lellouche, Jean-Louis Pépin, Speaker to be confirmed

**Quality of life and peak oxygen uptake are impaired one year after allogeneic hematopoietic stem cell transplantation**

Stephanie Dirou, Arnaud Chambellan, Patrice Chevallier, Patrick Germaud, Pierre Peterlin, Guillaume Lamirault, Alice Garnier, Thierry Guillaume, Béatrice Delasalle, Bastien Perrot, Antoine Magnan, François-Xavier Blanc, Patricia Lemarchand, Speaker to be confirmed

**Is the sit-to-stand test (STST) a valuable tool for the evaluation of the impact of a pulmonary rehabilitation program (PRP) in COPD? Results from the French cohort rehaeffort from IRSR des Pays de Loire**

Arnaud Chambellan, Trija Vaidya, Claire de Bisschop, Hakima Ouksel, Laurence Nourry, Anne Vincent, Speaker to be confirmed

**A multicentre validation of the 1-minute sit-to-stand test in COPD patients**

Sarah Crook, Konrad Schultz, Nicola Leibert, Gilbert Büsching, Danijel Jelusic, Stephan Keusch, Michael Wittmann, Michael Schuler, Thomas Radtke, Alexander Turk, Martin Frey, Milo Puhon, Anja Frei, Speaker to be confirmed

**Gait pattern in patients with COPD and controls during the 6-minute walk test**

Wai-Yan Liu, Martijn Spruit, Jeannet Delbressine, Paul Willems, Frits Franssen, Emiel Wouters, Kenneth Meijer, Speaker to be confirmed

**The reliability and validity of the 4 metre gait speed (4MGS) in idiopathic pulmonary fibrosis (IPF)**

Claire M. Nolan, Matthew Maddocks, Jane L. Canavan, Sarah E. Jones, Samantha S.C. Kon, Athol U. Wells, David M. Hansell, Joseph Jacobs, Paul Cullinan, Toby M. Maher, William D.-C. Man, Speaker to be confirmed

**Longitudinal validity of the five-repetition sit-to-stand in COPD**

Sarah Jones, Jane Canavan, Claire Nolan, Alex Labey, Matthew Maddocks, Samantha Kon, Michael Polkey, William Man, Speaker to be confirmed

**Ultrasound assessment of quadriceps muscle in COPD patients: Functional and clinical implications**

Carlos Guajardo, Eloisa Montt, Felipe Contreras, Speaker to be confirmed

**Repeatability and validity of the Incremental shuttle walk test (ISWT) distance among adults with severe asthma**

Sally Majd, Stacey Hewitt, Ruth Green, Peter Bradding, Sally Singh, Rachael Evans, Speaker to be confirmed

**Aerobic training decreases pulmonary inflammation and airway hyperresponsiveness in a model of diet-induced obesity**

Rodolfo de Paula Vieira, Jefferson Comin Jonco Aquino-Junior, Ana Roberta Almeida-Oliveira, BreAnne MacKenzie, Maysa Alves Rodrigues Brandão-Rangel, Manoel Carneiro Oliveira-Junior, Aurelia Aparecida Britto, Fernanda Magalhaes Arantes-Costa, Milton Arruda Martins, Nilsa Regina Damaceno-Rodrigues, Ana Paula Ligeiro de Oliveira, Dioze Guadagnini, Luiz Osorio Leiria, Mario Jose Saad, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Unmasking the mechanisms of symptom and exercise limitation in disease****Chairs :****"It's all bad": Fear avoidance beliefs predict lack of differentiation between dyspnea dimensions in anticipation of exercise-related dyspnea**

Thomas Janssens, Speaker to be confirmed

**Physical activity in patients with asthma**

Thomas Bahmer, Anne Kirsten, Fee Schatz, Christian Herzmann, Benjamin Waschki, Klaus F. Rabe, Henrik Watz, Speaker to be confirmed

**Physical activity in COPD and its relationship to exercise performance and sleep**

Stéphanie Saxer, Elisabeth Hasler, Michael Furian, Konrad Bloch, Silvia Ulrich, Speaker to be confirmed

**Descriptors of exertional dyspnea across the COPD severity spectrum**

Katherine Webb, Denis O'Donnell, Alberto Neder, Speaker to be confirmed

**Structural determinants of exercise ventilatory inefficiency in mild-to-moderate COPD**

Joshua Jones, Joel Zelt, Ingrid Rafferty, Luiza Castanhas, Daniel Hirai, Denis O'Donnell, J. Alberto Neder, Speaker to be confirmed

**Relationships between the sensation of activity limitation and functional abilities in asthma patients**

Francois Vermeulen, Audrey Chirumberro, Peter Rummens, Marie Bruyneel, Vincent Ninane, Speaker to be confirmed

**Prediction of maximal oxygen uptake at high altitude**

Min-Yeong Kang, Bernard Sapoval, Speaker to be confirmed

**Respiratory timing and dynamic hyperinflation during incremental exercise in patients with COPD**

Bente Frisk, Birgitte Espehaug, Jon Andrew Hardie, Liv Inger Strand, Rolf Moe-Nilssen, Tomas Mikal Eagan, Per Bakke, Einar Thorsen, Speaker to be confirmed

**Relationship between dysfunctional breathing and exercise-induced bronchoconstriction in athletic populations**

Irisz Karolina Levai, James H. Hull, Greg Whyte, John W. Dickinson, Speaker to be confirmed

**Physiological determinants of reduced tolerance to interval exercise in moderate-to-severe COPD**

Daniela Bravo, Ana Cristina Gimenes, Maria Clara Alencar, Beatriz Amorim, Daniel Hirai, Dennis O' Donnell, J. Alberto Neder, Luiz Eduardo Nery, Speaker to be confirmed

**Associations between lung diffusion impairment, ventilatory inefficiency and exercise intolerance in mild to very severe COPD**

Conor O' Donnell, Katherine Webb, Alberto Neder, Denis O' Donnell, Speaker to be confirmed

**CO<sub>2</sub> inhalation attenuates exercise-induced rise of pulmonary artery pressure under acute hypoxia condition**

Stephane Doutreleau, Irina Enache, Cristina Pisteu, Bernard Geny, Anne Charlot, Speaker to be confirmed

**Effect of hyperoxia on exercise performance in COPD: Randomized trial**

Silvia Ulrich, Stéphanie Saxer, Elisabeth Hasler, Michael Furian, Konrad Bloch, Speaker to be confirmed

**Low physical activity and exertional desaturation associated with mortality in idiopathic pulmonary fibrosis**

Baruch Vainshelboim, Jose Oliveira, Ben Fox, Mordechai Kramer, Speaker to be confirmed

**Modeling of oxygen uptake kinetics during exercise testing in patients with chronic obstructive pulmonary diseases (COPD)**

Florent Baty, Christian Ritz, Arnoldus van Gestel, Martin Brutsche, Daniel Gerhard, Speaker to be confirmed

**Comparison of cardiopulmonary responses between a new spot marching test and six minute walk test in mild to moderate COPD patients**

Vatcharaporn Khaweeaphab, Chulee Jones, Chatchai Phimphasak, David Jones, Speaker to be confirmed

**Endurance training increases quadriceps oxidative profile in COPD: A RCT of two major training modalities**

Ulrik Winning Iepsen, Gregers Druedal Wibe Munch, Mette Rugbjerg, Morten Zacho, Bente Klarlund Pedersen, Ylva Hellsten, Thomas Ringbæk, Pia Thaning, Peter Lange, Speaker to be confirmed

**Ventricular-arterial coupling is preserved during exercise in patients with COPD**

Neil Eves, Jinelle Gelinias, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Paediatric respiratory infection**

Chairs :

**Risk factors for intensive care and respiratory support among infants with bronchiolitis**

Minna Mecklin, Paula Heikkilä, Matti Korppi, Speaker to be confirmed

**Blood gas analysis in acute bronchiolitis – Who and when?**

Stefan Unger, Christopher Halliday, Steve Cunningham, Speaker to be confirmed

**Severe acute viral bronchiolitis: A genetic entity**

Alfonso E. Alvarez, Fernando A.L. Marson, Carmem S. Bertuzzo, Juliana C.S. Santiago, Emilio C.E. Baracat, Antonia T. Tresoldi, Mariana T.N. Romaneli, Patricia G. Schlodtmann, Ester Correa, Celize C.B. Almeida, Therezinha Oliveira, Maria Luisa F. Miranda, Marcelo C. Reis, Jose Vicente de Pieri, Clarisse W. Arns, Jose Dirceu Ribeiro, Speaker to be confirmed

**Airway function in preterm babies before and after viral bronchiolitis during the first year after birth**

Charlotte Palme Kilander, Paraskevi Kosma, Maria Hammargren, Karin Lidberg, Speaker to be confirmed

**Influence of single nucleotide polymorphisms in post-bronchiolitis wheezing**

Alfonso E. Alvarez, Fernando A.L. Marson, Carmem S. Bertuzzo, Juliana C.S. Santiago, Emilio C.E. Baracat, Antonia T. Tresoldi, Mariana T.N. Romaneli, Patricia G. Schlodtmann, Ester Correa, Celize C.B. Almeida, Therezinha Oliveira, Maria Luisa F. Miranda, Marcelo C. Reis, Jose Vicente De Pieri, Clarisse W. Arns, Jose Dirceu Ribeiro, Speaker to be confirmed

**The effect of L-Arginine on cilia beat frequency in PCD patients, non-PCD referrals and healthy controls**

Panayiotis Kouis, Andreas Hadjisavvas, Marianna Nearchou, Kyriacos Kyriacou, Panayiotis Yiallourous, Speaker to be confirmed

**Airway disease and inhaled corticosteroids (ICS) in children with primary ciliary dyskinesia (PCD)**

Eleonora Dehlink, Charlotte Richardson, Gemma Marsh, Kiri Pares, Angela Jamalzadeh, Andy Bush, Claire Hogg, Siobhá n B. Carr, Speaker to be confirmed

**Azithromycin therapy in children with postinfectious bronchiolitis obliterans**

Zeynep Seda Uyan, Levent Midyat, Erkan Ç akir, Yasemin Gö kdemir, Nihal Sahin, Canan Baydemir, Velat Sen, Ahmet Hakan Gedik, Ela Erdem, Fazilet Karakoç , Bü lent Karadag, Refika Ersu, Speaker to be confirmed

**The obstacle race of post-infectious bronchiolitis obliterans (PIBO): Prognostic factor analysis**

Cá tia Pereira, Carolina Constant, Ana Margarida Silva, Teresa Bandeira, Speaker to be confirmed

**Lung clearance index in patients with bronchiolitis obliterans**

Martin Rosewich, Felix Michel, Nebiyat Filate-Belachew, Ralf Schubert, Stefan Zielen, Speaker to be confirmed

**Active tuberculosis among adolescents in a high endemic area**

Elena Dantes, Claudia L. Toma, Cristian Oancea, Ligia Puiu, Petronela Ariadna Fildan, Speaker to be confirmed

**Comparing respiratory virus burden among infants across emergency care and in-patient settings**

Adrian Trenholme, Shirley Lawrence, Cameron Grant, Namrata Prasad, Claire Newbern, Angela Todd, Tim Wood, Sue Huang, Speaker to be confirmed

**Multidisciplinary interventions to improve narrow spectrum antibiotic use in pediatric community acquired pneumonia**

Mustafa Ghulam, Speaker to be confirmed

**Cytokine and chemokine profile in a cohort of children with community acquired pneumonia**

Joseph L. Mathew, Sofia Ygberg, Sunit Singhi, Vikas Gautam, Shanie Saghafian– Hedengren, Anna Nilsson, Speaker to be confirmed

**Change in the management of pneumonia with pleural effusion in children following implementation of a new decision tree**

Isabelle Rochat, Cristina Felice Civitillo, Pierre-Alex Crisinel, Speaker to be confirmed

**Pleural irrigation in the treatment of thoracic empyema in children, experience in a pediatric hospital in Mexico**

Salvador Garcia Maldonado, Alejandro Vasquez Contreras, Arsenio Hernandez Flota, Felipe Sanchez Loza, Speaker to be confirmed

**Technology depended children. Quality of life, days of hospitalization and cost effect from a home care program**

Elisavet-Anna Chrysochoou, Fotios Kirvassilis, Elpis Hatziaigorou, John Tsanakas, Speaker to be confirmed

**The effectiveness of AMBU-bag to recruit ribcage volume in spinal muscle atrophy**

Antonella Lo Mauro, Chiara Mastella, Giovanni Baranello, Andrea Aliverti, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Kaleidoscope of respiratory nursing**

Chairs :

**Nurses' knowledge and abilities gaps concerning health care of COPD patients: Window for improvement**

Ilda De Godoy, Duylene Ludmila Nogueira, Irma Godoy, Speaker to be confirmed

**Impact of therapeutic education program for COPD patients on preventing readmissions (APRENDEEPOC)**

Carme Hernandez Carcereny, Nuria Seijas, Ana Folch, Mariana Roman, Isabel Orts, Jesus Aibar, Cristina Esquinas, Loreto Macia, Speaker to be confirmed

**Development of pre-admission information for referrals with suspected interstitial lung disease to a specialist unit**

Charlotte Hogben, E. Renzoni, A.U. Wells, M. Kokosi, F. Chua, T.M. Maher, A.M. Russell, Speaker to be confirmed

**Experiences of training-adherence in a 12 weeks home-based IMT program for individuals with COPD**  
Dorthe Soerensen, Marie Ernst Christensen, Speaker to be confirmed

**Respiratory nurse specialists prioritise experiences of living with COPD differently from patients with COPD and their carers**  
Samantha Prigmore, Ann Caress, June Warden, Janelle Yorke, Speaker to be confirmed

**Feasibility of web-based protocol in a 12 weeks home-based IMT program for individuals with COPD**  
Dorthe Soerensen, Helle Svenningsen, Speaker to be confirmed

**Home care and benefit in days of hospitalization, cost and quality of life for children with cystic fibrosis**  
Elpida Hatziagorou, Elianna Chrysochoou, Fotis Kirvassilis, Dafni Papanikolaou, Despoina Terzi, LEMONIA Nousia, John Tsanakas, Speaker to be confirmed

**Preferences for end-of-life care in patients with COPD**  
Carmen Houben, Martijn Spruit, Emiel Wouters, Herman-Jan Pennings, Jacques Creemers, Geertjan Wesseling, Vivian Kampen-van den Boogaart, Daisy Janssen, Speaker to be confirmed

**Impact of the Wessex Asthma CoHort (WATCH) study on recruitment to research**  
Yvette Thirlwall, Fernando Gonzalez, Clair Barber, Kerry Gove, Kamran Tariq, Paddy Dennison, Ramesh Kurukulaarachy, Speaker to be confirmed

**Links between psychological factors and health-related quality of life in pulmonary hypertension**  
Emma Cole, Iain Armstrong, Katie Cutts, Speaker to be confirmed

**The patient's role in the choice of new inhaler devices and dosing regimens for asthma and COPD: A preference study**  
Terry Robinson, Nicola Bell, Speaker to be confirmed

**Ascertaining baseline knowledge of oxygen therapy and respiratory failure**  
Nicola Garner, Paul Deegan, Hassan Burhan, Ida Ryland, Speaker to be confirmed

**Is anxiety and depression a barrier to enrolment in a study in chronic obstructive pulmonary disease (COPD)?**  
Karen Marshall, Chris Stenton, Debbie Carrick-Sen, Julia Newton, Christine Baker, Anthony De Soya, Speaker to be confirmed

**Assessment of pain and nutritional status in patients suffering from lung cancer**  
Sandra Karabatic, Sanja Pleš tina, Tanja Zovko, Andreja Š ajnic, Speaker to be confirmed

14:45 - 16:45

## Poster Discussion: Possible phenotypes of bronchiectasis and exacerbations

**Chairs :**

**Rheumatoid arthritis is a common and important comorbidity in bronchiectasis: Data from the EMBARC European bronchiectasis registry**  
Anthony De Soya, Melissa J. McDonnell, John Davidson, Pieter C. Goeminne, Adam T. Hill, Eva Polverino, Stefano Aliberti, James D. Chalmers, On Behalf of EMBARC, Speaker to be confirmed

**Objective videomicroscopy parameters correlate ciliary beating to ultrastructure in primary ciliary dyskinesia**  
Sylvain Blanchon, Marie Legendre, Mathieu Bottier, Aline Tamalet, Guy Montantin, Nathalie Collot, Sylvie Tessier, Estelle Escudier, Jean-Francois Papon, Bruno Louis, Speaker to be confirmed

**Characteristics of adults with primary ciliary dyskinesia in a bronchiectasis referral clinic**  
Michal Shteinberg, Najwan Nasralla, Sonya Schneer, Anat Amital, Nili Stein, Yochai Adir, Speaker to be confirmed

**Nasal nitric oxide measurement and a score of key clinical features for the screening of primary ciliary dyskinesia in patients with non-cystic fibrosis bronchiectasis**  
Jessica Rademacher, Anna Buck, Jan Fuge, Mareike Price, Nicolaus Schwert, Tobias Welte, Felix C. Ringshausen, Speaker to be confirmed

**Characteristic of a subgroup of non cystic fibrosis bronchiectasis with concomitant asthma**  
Federico Lorenzo Dente, Maria Adelaide Roggi, Manuela Latorre, Elena Bacci, Barbara Vagaggini, Silvana Cianchetti, Dario Nieri, Pierluigi Paggiaro, Speaker to be confirmed

**Bronchiectasis is common in severe asthma**  
Katerina Dimakou, Adamantia Liapikou, Michail Toumbis, Anna Gkousiou, Serafeim Chrysikos, Kyriaki Tsikritsaki, Loukas Thanos, Christina Triantafyllidou, Speaker to be confirmed

**Impact of bronchiectasis on the course of COPD**

Vanya Kostadinova, Yordan Radkov, Temenuga Stoeva, Darina Miteva, Speaker to be confirmed

**Chronic inhaled corticosteroids in patients with bronchiectasis who suffer an exacerbation**

Edmundo Rosales Mayor, Victoria Alcaraz Serrano, Isabel Amara-Elori, Beatriz Montull, Alexandra Gimeno, Gerard Muñoz, Montserrat Vendrell, Rosa María Girón, Rosario Menendez, Polverino Eva, Antoni Torres, Speaker to be confirmed

**Pseudomonas aeruginosa isolates in bronchiectasis: Wath particulates and risk factors?**

Haifa Zaibi, Lamia Missaoui, Jihen Ben Amar, Nada Fezai, M. Ali Baccar, Salwa Azzebi, Besma Dhahri, Hichem Aouina, Speaker to be confirmed

**Exacerbations of bronchiectasis requiring hospitalization; clinical characteristics and outcomes**

Guillermo Suarez-Cuartin, Anna Feliu, Ana Rodrigo-Troyano, Ferran Sanchez-Reus, Diego Castillo, Vicente Plaza, Marcos I. Restrepo, Stefano Aliberti, James D. Chalmers, Oriol Sibila, Speaker to be confirmed

**Acute exacerbation in patients with bronchiectasis: What prognostic factors?**

Haifa Zaibi, Lamia Missaoui, Besma Dhahri, Nada Fezai, Salwa Azzebi, M. Ali Baccar, Jihen Ben Amar, Hichem Aouina, Speaker to be confirmed

**Factors influencing hospital stay for acute exacerbations of bronchiectasis**

Lamia Missaoui, Haifa Zaibi, Nada Fezai, Besma Dahri, Mohamed Ali Baccar, Saloua Azzabi, Jihen Ben Ammar, Hichem Aouina, Speaker to be confirmed

**Pulmonary targeted antibiotics in bronchiectasis; inhalers vs. nebulisers. A qualitative and quantitative assessment of patients' attitudes**

John Davison, Donna McEvoy, Gareth Davies, Richard Lee, Rapley Tim, Anthony De Soyza, Speaker to be confirmed

**Inhaled colistin in patients with non - cystic fibrosis bronchiectasis and chronic pseudomonas aeruginosa bronchial infection**

Castañeda Matto, Richard Pifarré, Manuel Vilá, Ferran Barbé, Montserrat Martí nez, Purificació Florensa, Speaker to be confirmed

**Baseline profiles of subjects randomised in RESPIRE 2 trial of ciprofloxacin dry powder for inhalation (DPI) in non-CF bronchiectasis (NCFB) by pathogen and prior exacerbation rate**

Timothy Aksamit, Tiemo-Joerg Bandel, Margarita Criollo, Anthony De Soyza, Stuart Elborn, Elaine Montegriffo, Elisabeth Opershall, Eva Polverino, Kevin Winthrop, Robert Wilson, Speaker to be confirmed

**Atorvastatin as novel treatment in bronchiectasis patients colonized with pseudomonas aeruginosa**

Pallavi Bedi, James Chalmers, Pira Sarvanamuthu, Adriano Rossi, Adam Hill, Speaker to be confirmed

**Long-term randomized controlled trial to evaluate the efficacy of low expiration with the open glottis in the lateral posture (ELTGOL) in patients with bronchiectasis (BC)**

Gerard Munoz Castro, Javier de Gracia Roldan, Maria Buxó Pujolras, Antoni Alvarez Fernandez, Gladis Sabater Talaverano, Eric Rojas Calvera, Montserrat Vendrell Relat, Speaker to be confirmed

**Pneumococcal vaccination in bronchiectasis- an area for improvement?**

Eve Palmer, Nicholas Lane, John Davison, Donna McEvoy, Anthony De Soyza, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: The challenge of the increasing complexity of chronic care management to ethics and costs in our health care system****Chairs :****Dupilumab reduces severe exacerbation-related costs among asthma patients: Results from a phase 2b trial**

Jonathan Corren, Pascal Chanez, Mario Castro, Leonardo Fabbri, Vijay N. Joish, Robert E. Evans, Neil M.H. Graham, Vera Mastey, Sara Villeneuve, Gaëlle Bégo-Le Bagousse, Christine Taniou, Puneet Mahajan, Ariel Teper, Gianluca Pirozzi, Laurent Eckert, Speaker to be confirmed

**Cost impact of a multidisciplinary clinic for children with problematic severe asthma**

Karen Kam, Alberto Nettel-Aguirre, Ian Mitchell, David Johnson, Gillian Currie, Speaker to be confirmed

**Decision analytic models in COPD/asthma: A critical review of current evidence**

Vaibhav Gaur, Jaideep Gogtay, Probit Ghosh, Speaker to be confirmed

**Modelling cost effectiveness of a COPD pathway using the Star approach; could cognitive behavioural therapy (CBT) be cost effective in preventing panic-associated admissions?**

Richard Hall, Richard Glover, Richard Harrety, Speaker to be confirmed

**Analysis of driving factors of willingness to use and willingness to pay for existing pharmacological smoking cessation aids among young and middle-aged adults in Germany**

Marina Treskova, Ines Aumann, Niklas Hagemann, J.-Matthias Graf von der Schulenburg, Speaker to be confirmed

**Hospitalization cost analysis due to acute COPD exacerbations**

Bojana Trivic, Biljana Zvezdin, Tomi Kovacevic, Violeta Kolarov, Olivera Maksimovic, Speaker to be confirmed

**The health economics of treating MDR-TB in the Indian private sector**

Zal Udwadia, Jai Mullerpattan, Radhika Banka, Shashank Ganatra, Zarir Udwadia, Speaker to be confirmed

**Nasal high flow therapy in palliative home care**

Annegret Kamp, Franziska Trudzinski, Frederik Seiler, Oliver Linn, Carlos Metz, Konstantinos Tsitouras, Robert Bals, Heinrike Wilkens, Sebastian Fährndrich, Philipp Lepper, Speaker to be confirmed

**End-of-life care decisions in a pediatric respiratory unit**

Uros Krivec, Marina Praprotnik, Malena Aldeco, Dusanka Lepej, Ana Kotnik, Aleksandra Zver, Tita Butenko, Majda Benedik Dolnicar, David Neubauer, Speaker to be confirmed

**Facing death in a respiratory ward**

Vânia Catarina Pereira Caldeira, Tiago Sá, Nicole Murinello, Delmira Pombo, João Cardoso, Speaker to be confirmed

**Improvement science: Education in Europe**

Radu Crisan, Traian Mhaescu, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Highlights in management of COPD and beyond**

Chairs :

- 14:45** **The CANT score: Predicting mortality in exacerbations of chronic obstructive pulmonary disease**  
Eskandarain Shafuddin, Manisha Cooray, Christine Tuffery, Sandra Hopping, Glenda Sullivan, Catherina Chang, Robert Hancox, Speaker to be confirmed
- 15:00** **LSC Abstract – Potential use of  $\beta$ -blockers to reduce COPD exacerbations**  
Lies Lahousse, Phebe De Nocker, Albert Hofman, Bruno Stricker, Guy Brusselle, Katia Verhamme, Speaker to be confirmed
- 15:15** **Eligibility for lung cancer screening in Australia and the effect on screening eligibility of using spirometry to identify COPD**  
David Manners, Jennie Hui, Michael Hunter, Alan James, Matthew Knuiman, Annette McWilliams, Siobhain Mulrennan, Bill Musk, Fraser Brims, Speaker to be confirmed
- 15:30** **Risk of CAP in COPD stratified by smoking status: A population-based cohort study in the UK**  
Dionne Braeken, Gernot Rohde, Frits Franssen, Johanna Driessen, Tjeerd van Staa, Patrick Souverein, Emiel Wouters, Frank de Vries, Speaker to be confirmed
- 15:45** **Cerebral oxygenation in lowlanders with COPD spending a night at 2590m**  
Michael Furian, Deborah Flueck, Philipp M. Scheiwiller, Séverine Mueller-Mottet, Sara E. Hartmann, Marc Poulin, Batyr Osmonov, Lorenz Urner, Adrian Steiner, Malcolm Kohler, Tsogyal D. Latshang, Silvia Ulrich, Konrad E. Bloch, Speaker to be confirmed
- 16:00** **Time-to-treatment failure in the Belgian randomized controlled trial with azithromycin for acute COPD exacerbations requiring hospitalization**  
Kristina Vermeersch, Stephanie Everaerts, Vincent Ninane, Maria Gabrovska, Joseph Aumann, Griet Deslypere, Ingel K. Demedts, Jean-Louis Corhay, Eric Marchand, Hans Slabbynck, Michiel Haerens, Christel Haenebalcke, Walter Vincken, Shane Hanon, Rudi Peché, Antoine Fremault, Tine Lauwerier, Guy G. Brusselle, Wim Janssens, Speaker to be confirmed
- 16:15** **Weight loss, food intake and mortality in hospitalized patients with chronic obstructive pulmonary disease (COPD) : The NutritionDay survey analysis**  
Mitja Lainscak, Annemie Schols, Jerneja Farkas, Isabella Sulz, Michael Themessl-Huber, Alessandro Laviano, Sigrid Kosak, Michael Hiesmayr, Karin Schindler, Speaker to be confirmed
- 16:30** **Risk scores for predicting death in COPD patients**  
Michal Svoboda, Jan Svancara, Jiri Jarkovsky, Barbora Novotna, Patrice Popelkova, Marek Plutinsky, Kristian Brat, Jaromir Zatloukal, Eva Volakova, Karel Hejduk, Eva Kocova, Michal Kopecky, Katerina Neumannova, Miroslava Fecaninova, Petr Safranek, Tomas Dvorak, Ondrej Sobotik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Marie Majeraciakova, Pavlina Musilova, Vladimir Koblizek, Speaker to be confirmed



14:45 - 16:45

**Oral Presentation: Molecular pathways of smoking induced diseases**

Chairs :

- 14:45** **Reduced phagocytic capacity of blood monocyte/macrophages in tuberculosis patients is further reduced by smoking**  
Mahshid Aryanpur, Esmail Mortaz, Mohammad Reza MasjedI, Seyed Mohammad Reza Aryan, Payam Tabarsi, Johan Garssen, Ian M. Adcock, Speaker to be confirmed
- 15:00** **Cigarette smoking in patients newly-diagnosed with pulmonary tuberculosis**  
Mahshid Aryanpur, Mohammad Reza MasjedI, Esmail Mortaz, Zahra Hessami, Mohammad Reza Aryan, Gholamreza Heydari, Mostafa Hossei, Hooman Sharifi, Masoud Baikpour, Payam Tabarsi, Speaker to be confirmed
- 15:15** **Relationship between cigarette (nicotine) addiction and dopamine receptor D2 gene variants (TaqlA and -141C Ins/ Del)**  
Ulgen Sever, Mehmet Atilla Uysal, Yedikule Smoking Cessation Study Group, Sacide Pehlivan, Speaker to be confirmed
- 15:30** **The neurogenic inflammation markers in rat's brain in experimental smoking**  
Vera Nevzorova, Natalia Zakharchuk, Elena Gonchar, Speaker to be confirmed
- 15:45** **The impact of acute smoke exposure on selected biomarkers in exhaled breath condensate in COPD patients and healthy smokers**  
Marta Maskey-Warzechowska, Patrycja Nejman-Gryz, Katarzyna Osinka, Paulina Lis, Kamila Malesa, Katarzyna Gorska, Rafal Krenke, Speaker to be confirmed
- 16:00** **Analysis of CYP2A6 and CYP2A13 genes using new generation sequencing method in smokers and non-smokers.**  
Sacide Pehlivan, Mehmet Atilla Uysal, Tülin Çagatay, Cigdem Keklik Cinar, Feyza Erkan, Ulgen Sever, Zuleyha Bingol, Mustafa Pehlivan, Yedikule Smoking Cessation Study Group, Sadrettin Pençene, Speaker to be confirmed
- 16:15** **The dopamine receptor D4 VNTR 48bp gene variant in nicotine addiction**  
Mehmet Atilla Uysal, Ulgen Sever, Smoking Cessation Study Group, Sacide Pehlivan, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Cystic fibrosis: monitoring and management**

Chairs :

- 14:45** **Annual change of LCI among patients with cystic fibrosis**  
Vasiliki Avramidou, Elpis Hatziagorou, Despoina Terzi, Dafni Papanikolaou, LEMONIA Noursia, Fotis Kirvassilis, John Tsanakas, Speaker to be confirmed
- 15:00** **Lung clearance index in young children with atypical CF**  
Elisa Andreatta, Sonia Volpi, Luigi Lubrano, Carlo Castellani, Laura Menin, Corrado Vassanelli, Ciro d'Orazio, Speaker to be confirmed
- 15:15** **Tracking pulmonary exacerbations in preschool children using the lung clearance index**  
Sanja Stanojevic, Renee Jensen, Hailey Webser, Mica Kane, Maria Ester Pizarro, Stephanie Davis, George Retsch-Bogart, Padmaja Subbarao, Felix Ratjen, Speaker to be confirmed
- 15:30** **Early detection of pulmonary exacerbations in children with cystic fibrosis by electronic home monitoring of symptoms and lung function**  
Edward Dompeling, Marieke van Horck, Bjorn Winkens, Rijn Jobsis, Geertjan Wesseling, Speaker to be confirmed
- 15:45** **Oxygen-enhanced MR (OE-MR): Correlation to CT Brody score in cystic fibrosis patients**  
Katharina Martini, Christian Benden, Geoff Parker, Stephan Baumüller, Jose Ulloa, Alex Morgan, Thomas Frauenfelder, Speaker to be confirmed
- 16:00** **Surfactant dysfunction in cystic fibrosis: Mechanisms and reversal with a cyclodextrin drug**  
Francis H.Y. Green, Mustafa Mustafa Al-Saiedy, Lasantha Gunasekara, Candice Bjornson, Ailian Yang, Andrea Chiu, Mark Montgomery, John Dennis, Matthias Amrein, Speaker to be confirmed
- 16:15** **Interim results for INSPIRE-CF: A 24-month RCT evaluating effects of weekly supervised exercise in children with CF**  
Sean Ledger, Angie Wade, Helen Douglas, Laura Sarria, Paul Rayner, Allan Goldman, Alessandro Giardini, S. Ammani Prasad, Paul Aurora, Eleanor Main, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Paediatric bronchology I**

Chairs :

- 14:45 Paediatric flexible and rigid bronchoscopy in European centres – State of the art**  
Dirk Schramm, Yin Yu, Deborah Snijders, Kostas Priftis, Petr Pohunek, Speaker to be confirmed
- 
- 15:00 Early pulmonary phenotype in Hermansky-Pudlak syndrome: Analysis of the chILD-EU registry**  
Meike Hengst, Poornima Mahavadi, Lutz Naehrlich, Joerg Grosse-Onnebrink, Suzanne Terheggen-Lagro, Andreas Günther, Matthias Griese, Speaker to be confirmed
- 
- 15:15 Permanent bronchial stents in left mainstem bronchus: closed follow up and low-risk interventions to manage potential fatal complications**  
Paola Serio, Raffaella Nenna, Marco Di Maurizio, Roberto Leone, Bruno Murzi, Antonella Frassanito, Roberto Baggi, Lorenzo Mirabile, Fabio Midulla, Speaker to be confirmed
- 
- 15:30 How much protracted is protracted bacterial bronchitis (PBB)?**  
Vasilis Grammeniatas, Marios Papadopoulos, Barbara Boutopoulou, Iordanis Papadopoulos, Efthymia Alexopoulou, Kostas Priftis, Konstantinos Douros, Speaker to be confirmed
- 
- 15:45 Twenty years of research into bronchopulmonary dysplasia**  
Liudmila Zhelenina, Alevtina Bogdanova, Svetlana Starevskaya, Ildar Mustafaev, Juriyi Gorelik, Mariya Kuropatenko, Speaker to be confirmed
- 
- 16:00 Neurocognitive disorders and sleep in primary ciliary dyskinesia children**  
Tugba Sismanlar, Ayse Tana Aslan, Alper Ceylan, Azime Sebnem Soysal Acar, Isil Irem Budakoglu, Tansu Ulukavak Çiftçi, Oguz Köktürk, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Best abstracts on the role of exercise and physical activity in chronic respiratory disease**

Chairs :

- 14:45 Effects of a training program including downhill walking in COPD: A randomized controlled trial**  
Carlos Augusto Camillo, Christian Osadnik, Matthias Loeckx, Fernanda M.M. Rodrigues, Miek Hornikx, Heleen Demeyer, Stephanie Everaerts, Karen Maes, Chris Burtin, Wim Janssens, Thierry Troosters, Speaker to be confirmed
- 
- 15:00 Inspiratory muscle training in addition to physical exercise for idiopathic pulmonary fibrosis**  
Maria Nykvist, Magnus Skögl, Giovanni Ferrara, Gun Faager, Speaker to be confirmed
- 
- 15:15 Inspiratory muscle training for patients with chronic obstructive pulmonary disease (IMTCO study): A multicentre randomised controlled trial**  
Noppawan Charusisin, Rik Gosselink, Marc Decramer, Alison McConnell, Didier Saey, Francois Maltais, Eric Derom, Stefanie Vermeersch, Yvonne Heijdra, Linda Garms, Rainer Gloeckl, Klaus Kenn, Daniel Langer, Speaker to be confirmed
- 
- 15:30 Improvement in obstructive sleep apnea syndrome after a tailored behavioural medicine intervention targeting healthy eating and physical activity**  
Helena Igelström, Margareta Emtner, Pernilla Åsenlöf, Eva Lindberg, Speaker to be confirmed
- 
- 15:45 Implementation of the physical activity guidelines in lung cancer: The CAPACITY study**  
Catherine Granger, Louis Irving, Phillip Antippa, Lara Edbrooke, Selina Parry, Kuan-Yin Lin, Alexandra Eriksen, Joel Martin, Daniel Steinfort, Linda Denehy, Speaker to be confirmed
- 
- 16:00 The importance of being physically active on functional decline in patients with COPD**  
Heleen Demeyer, David Donaire-Gonzalez, Ignasi Serra Pons, Josep M. Anto, Judith Garcia-Aymerich, PAC-COPD Study Group, Speaker to be confirmed
- 
- 16:15 How much time spent per day in sedentary behavior increases mortality risk in patients with COPD?**  
Karina C. Furlanetto, Leila Donária, Lorena Paltanin Schneider, José Roberto Lopes, Marcos Ribeiro, Karen Barros Parron Fernandes, Carlos Augusto Camillo, Nidia Aparecida Hernandez, Fabio Pitta, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Advances in diagnosis and monitoring tuberculosis treatment**

Chairs :

- 14:45** **Visual detection of mycobacterium tuberculosis by loop-mediated isothermal amplification**  
Ehsan Aryan, Alireza Neshani, Hamid Sadeghian, Hadi Safdari, Speaker to be confirmed
- 15:00** **Availability of PCR for second-line drugs in Europe**  
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed
- 15:15** **Predictive factors for a positive BAL Xpert MTB/RIF in BAL AFB smear negative PTB patients who are sputum scarce or AFB smear negative**  
Yingjuan Mok, Hang Siang Wong, Carmen Kam, Thean Yen Tan, Tunn Ren Tay, Pei Yee Tiew, Chuin Siau, Speaker to be confirmed
- 15:30** **The role of Tbc-PCR by EBUS-TBNA samples in the diagnosis of tuberculous intrathoracic lymphadenopathy**  
Young Min Lee, Speaker to be confirmed
- 15:45** **Rapid monitoring of tuberculosis treatment response: A multi-centre study**  
Wilber Sabiiti Sabiiti, Ruth Bowness Bowness, Stephen H. Gillespie Gillespie, Panbiome Consortium, Speaker to be confirmed
- 16:00** **The pharmacogenomics in the personalization of isoniazid treatment of patients with tuberculosis**  
Maria Celeste da Silva Alcobia, Luis Nogueira, Miguel Villar, Carlos Robalo Cordeiro, Carlos Fontes Ribeiro, Fernando Regateiro, Henriqueta Coimbra Silva, Speaker to be confirmed
- 16:15** **Delayed sputum smear conversion due to cigarette smoking in active pulmonary tuberculosis**  
Islam Mejri Ep Ajili, Soumaya Ben Saad, Achref Ben Tkhayet, Hafaoua Daghfous, Fatma Tritar, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Late-breaking translational research in lung cancer**

Chairs :

- 14:45** **LSC Abstract – A requirement for IKKa in lung adenocarcinoma**  
Malamati Vreka, Ioannis Lilis, Maria Papageorgopoulou, Magda Spella, Antonia Marazioti, Anastasios D. Giannou, Theodora Agalioti, Georgios T. Stathopoulos, Speaker to be confirmed
- 15:00** **A novel inhibition of NLRP3 attenuates malignant profile of lung adenocarcinoma in-vitro**  
Matan Siterman, Sheila Lengier, Noa Ofir, Noy Nachmias, Lea Zadik, Michal Rotem, Meital Yadgar, Yehuda Schwarz, Amir Bar-Shai, Speaker to be confirmed
- 15:15** **Tumor cell-derived osteopontin promotes lung metastasis via both cell-autonomous and paracrine pathways**  
Ioanna Giopanou, Vasileios Papaleonidopoulos, Ioannis Lilis, Nikolaos Kanellakis, Theodora Agalioti, Georgios Stathopoulos, Speaker to be confirmed
- 15:30** **Effect of 17-oxo-DHA alone and in combination with gemcitabine on lung cancer cell growth**  
Liboria Siena, Mark Gjomarkaj, Maria Ferraro, Andreina Bruno, Chiara Cipollina, Serena Di Vincenzo, Elisabetta Pace, Speaker to be confirmed
- 15:45** **Encapsulation of vinorelbine in polymeric nanoparticles improves efficacy in cancer cells and reduces inflammation in non-cancer cells**  
Alexander Cryer, Pakatip Ruenraroengsak, Teresa Tetley, Andrew Thorley, Speaker to be confirmed
- 16:00** **RBM5 overexpression reverses acquired resistance to gefitinib in PC9/AB2 NSCLC cells**  
Jie Zhang, Xuejiao Lv, Yuqiu Hao, Qi Wang, Guangping Meng, Lin Zhang, Zhenzhong Su, Speaker to be confirmed
- 16:15** **IL-17C promotes tumor-associated inflammation and lung tumor growth**  
Christopher Jungnickel, Lina Bittigkoffer, Andreas Kamyschnikow, Christian Herr, Robert Bals, Christoph Beisswenger, Speaker to be confirmed

17:00 - 17:50

**Group members' meeting: 6.1 Epidemiology and 6.4 Genes and environment**

Chairs : H. Marike Boezen (Groningen, Netherlands), Torben Sigsgaard (Aarhus, Denmark), Anne Lindberg (Boden, Sweden), Jennifer Quint (London, United Kingdom)

17:00 - 17:50

**Group members' meeting: 1.2 Rehabilitation and chronic care**

Chairs : Ioannis Vogiatzis (Athens, Greece), Frits M.E. Franssen (Horn, Netherlands)

17:00 - 17:50

**Group members' meeting: 1.6 General practice and primary care****Chairs :** Hilary Pinnock (Edinburgh, United Kingdom), Janwillem Kocks (Groningen, Netherlands)

17:00 - 17:50

**Group members' meeting: 3.2 Airway cell biology and immunopathology****Chairs :** Clifford Taggart (Belfast, United Kingdom), Silke Meiners (Munich, Germany)

17:00 - 17:50

**Group members' meeting: 9.1 Respiratory function technologists/scientists****Chairs :** Jellien Makonga-Braaksma (Woudenberg, Netherlands), Waldemar Tomalak (Rabka-Zdroj, Poland)

17:00 - 17:50

**Group members' meeting: 9.2 Physiotherapists****Chairs :** Daniel Langer (Leuven, Belgium), Chris Burtin (Diepenbeek, Belgium)

17:00 - 17:50

**Group members' meeting: 9.3 Nurses****Chairs :** Bettina Korn (Dublin, Ireland), Georgia Narsavage (Morgantown, United States of America)

18:00 - 18:50

**Group members' meeting: 1.4 Interventional pulmonology****Chairs :** Jouke T. Annema (Amsterdam, Netherlands), Prashant Nemichand Chhajed (Mumbai, India)

18:00 - 18:50

**Group members' meeting: 3.3 Mechanisms of lung injury and repair****Chairs :** Martin Kolb (Hamilton, Canada), Melanie Koenigshoff (Munich, Germany)

18:00 - 18:50

**Group members' meeting: 7.5 Neonatology and Paediatric Intensive Care; 7.6 Paediatric Respiratory Epidemiology; 7.7 Paediatric Bronchology****Chairs :** Charles Christoph Roehr (Oxford, United Kingdom), Bülent Taner Karadag (Istanbul, Turkey), Kostas Priftis (Haidari, Athens, Greece), Suzanne Terheggen-Lagro (Rotterdam, Netherlands), Liesbeth Duijts (Rotterdam, Netherlands), Deborah Snijders (Ponzano Veneto, Italy)

18:00 - 18:50

**Group members' meeting: 5.1 Airway pharmacology and treatment****Chairs :** Reinoud Gosens (Groningen, Netherlands), Paul Kirkham (Wolverhampton, United Kingdom)

18:00 - 18:50

**Group members' meeting: 7.2 Paediatric asthma and allergy****Chairs :** Bart Rottier (Groningen, Netherlands), Alexander Möller (Zurich, Switzerland)

18:00 - 18:50

**Group members' meeting: 7.3 Cystic fibrosis; 7.4 Paediatric respiratory infection and immunology****Chairs :** Ian Balfour-Lynn (London, United Kingdom), Mark Everard (Perth, Australia), Jürg Barben (St. Gallen, Switzerland), Vanessa Craven (Wetherby, United Kingdom)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC3 Problematic application of mechanical ventilation

**Aims :** To discuss cases of acute respiratory distress syndrome (ARDS) and chronic obstructive pulmonary disease (COPD) that were very difficult to ventilate; to present how the problems were overcome; and to foster the discussion with participants on these and other cases.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Chairs :** Brigitte Fauroux (Paris, France)

**Difficult ventilation in COPD patients**  
Raffaele Scala (Arezzo, Italy)

**Difficult ventilation in ARDS patients**  
Marcus Schultz (Amsterdam, Netherlands)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC4 Major challenges in thoracic surgical oncology

**Aims :** To provide insights into the different categories of oncology patients who are marginal surgical candidates; the optimal work-up for this subset of patients; and the factors that influence treatment outcome.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Chairs :** Gilbert Massard (Strasbourg, France)

**Bilateral lung cancer with COPD or metastatic disease**  
Laureano Molins Lopez-Rodo (Barcelona, Spain)

**Small cell lung cancer and surgery**  
Jens Soerensen (Copenhagen, Denmark)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC5 Non-resolving pneumonia

**Aims :** To review diagnosis and management of possible pulmonary and non-pulmonary causes of non-resolving pneumonia.

**Track(s) :** Infection

**Tag(s) :** Clinical

**Target audience :** Clinician, Fellow, General practitioner, Junior member, Microbiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee

**Chairs :** Ane Uranga (Bilbao, Spain)

**A pulmonary etiology of non-resolving pneumonia**  
Brandon Webb (Murray, United States of America)

**An extra-pulmonary etiology of non-resolving pneumonia**  
Yuichiro Shindo (Nagoya, Japan)

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW10 Interventional pulmonology

**Aims :** To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Target audience :** Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist and Trainee

**Chairs :** Felix J.F. Herth (Heidelberg, Germany)

**Introduction**

**Workstation 1: Endoscopic lung volume reduction with valves**  
Daniela Gompelmann (Heidelberg, Germany)

**Workstation 2: Endoscopic lung volume reduction with coils**  
Nicolaas H.T. ten Hacken (Groningen, Netherlands), Speaker to be confirmed

**Workstation 3: Endobronchial ultrasound**  
Sebastian Fernandez Bussy (Santiago, Chile)

**Workstation 4: Endoesophageal ultrasound**  
Michela Bezzi (Brescia, Italy)

**08:00 - 10:20**

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Skills workshop: SW11 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects**

**Aims :** To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.

**Track(s) :** **Physiology**

**Tag(s) :** Clinical

**Target audience :** Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student

**Chairs :** Sally J. Singh (Leicester, United Kingdom)

**Introduction**

**Workstation 1: Exercise training: linear vs non-linear training**  
Fabio Pitta (Londrina, Brazil), Speaker to be confirmed

**Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations**  
Speaker to be confirmed

**Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients**  
Enrico Maria Clini (Pavullo, Italy)

**Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training**  
Speaker to be confirmed

**10:40 - 13:00**

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Skills workshop: SW12 Interventional pulmonology**

**Aims :** To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

**Track(s) :** **Intensive care**

**Tag(s) :** Clinical

**Target audience :** Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist, Trainee

**Chairs :** Pallav L. Shah (London, United Kingdom)

**Introduction**

**Workstation 1: Endoscopic lung volume reduction with valves**  
Arschang Valipour (Vienna, Austria)

**Workstation 2: Endoscopic lung volume reduction with coils**  
Ralf Eberhardt (Heidelberg, Germany)

**Workstation 3: Endobronchial ultrasound**  
Jouke T. Annema (Amsterdam, Netherlands)

**Workstation 4: Endoesophageal ultrasound**  
Maren Schuhmann (Heidelberg, Germany)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW14 Interventional pulmonology**

**Aims :** To provide participants with an opportunity to practise and develop practical skills in range of different endoscopic techniques.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Target audience :** Clinician, Fellow, Junior member, Pulmonologist, Resident, Respiratory physician, Thoracic endoscopist, Trainee

**Chairs :** Felix J.F. Herth (Heidelberg, Germany)

**Introduction****Workstation 1: Endoscopic lung volume reduction with valves**  
Daniela Gompelmann (Heidelberg, Germany)**Workstation 2: Endoscopic lung volume reduction with coils**  
Dirk-Jan Slebos (Groningen, Netherlands)**Workstation 3: Endobronchial ultrasound**  
Sebastian Fernandez Bussy (Santiago, Chile)**Workstation 4: Endoesophageal ultrasound**  
Michela Bezzi (Brescia, Italy)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW13 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects**

**Aims :** To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.

**Track(s) :** Physiology

**Tag(s) :** Clinical

**Target audience :** Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student

**Chairs :** Rik Gosselink (Leuven, Belgium)

**Introduction****Workstation 1: Exercise training: linear vs non-linear training**  
Susan Ward (Crickhowell, United Kingdom)**Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations**  
Speaker to be confirmed**Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients**  
Speaker to be confirmed**Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training**  
Speaker to be confirmed

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW15 The new frontiers in exercise training in chronic obstructive pulmonary disease patients: technical aspects**

**Aims :** To describe the new exercise training strategies in chronic obstructive pulmonary disease (COPD) patients; to describe a novel approach for exercise training in COPD patients after acute exacerbation; to discuss the types of exercise training.

**Track(s) :** Physiology**Tag(s) :** Clinical**Target audience :** Allied health professional, Nurse, Occupational therapist, Physiotherapist, Respiratory physician, Respiratory therapist, Student**Chairs :** Sally J. Singh (Leicester, United Kingdom)**Introduction****Workstation 1: Exercise training: linear vs non-linear training**

Speaker to be confirmed

**Workstation 2: Strategies in pulmonary rehabilitation after acute exacerbations**

Ioannis Vogiatzis (Athens, Greece), Speaker to be confirmed

**Workstation 3: The addition of non-invasive ventilation during exercise training in COPD patients**

Enrico Maria Clini (Pavullo, Italy)

**Workstation 4: Future perspectives in exercise training: Nordic walking and water-based training**

Speaker to be confirmed

## 13:00 - 14:30

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.***Professional development workshop: PD5 Establishing core facilities for measuring clinical trial outcomes****Experience from the European Cystic Fibrosis Society (ECFS) Clinical Trials Network (CTN)****Aims :** To identify hurdles to the inclusion and acceptance of broader outcome measures in clinical trials; to describe the benefits of standardisation and the roles and requirements of a core facility giving the ECFS CTN as example; to understand potential interactions between the core facility, commercial sponsors, and the trial networks.**Tag(s) :** Translational**Chairs :** Jane C. Davies (London, United Kingdom), Chair to be confirmed**13:00 Introduction by the chair to the concept of a clinical trials network****13:06 Lightning lecture: High resolution CT as a clinical trial outcome measure: standardisation of performance and scoring**

Harm Tiddens (Rotterdam, Netherlands)

**13:14 Lightning lecture: Lung Clearance Index: why, how, and the lessons learned**

Jane C. Davies (London, United Kingdom)

**13:22 Lightning lecture: Nasal Potential Difference: standardisation process, issues arising and FDA approvals**

Isabelle Sermet-Gaudelus (Paris, France)

**13:30 Workshop 1: Lung Clearance Index – demonstration of devices utilised by the core facility; best practices and different approaches to communication with pharmaceutical companies**

Jane C. Davies (London, United Kingdom)

**13:50 Workshop 2: Computed tomography – include CT scans and score sheets for delegates to view and attempt to grade themselves; address any questions regarding specific trials, other grading systems or other issues delegates have had with CT as an outcome measure**

Harm Tiddens (Rotterdam, Netherlands)

**14:10 Workshop 3: Nasal Potential Difference (NPD) – demonstration of a video of NPD; discussion of issues delegates have had with equipment; inform about the NPD standardisation guidelines**

Isabelle Sermet-Gaudelus (Paris, France)

## 08:00 - 10:30

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.***Professional development workshop: PD3 Preparing your content for teaching online  
Communicating science through active learning**



**Aims :** To gain skills in learning how to deliver high quality online sessions and best practices for communicating science with interactive online learning experiences; to summarise current knowledge on the need for interactivity in online learning; to learn how to apply different categories of interactive learning activities online; to identify alterations needed to change course content to an online presentation format; to use quality-based standards of evaluation to analyse an online course.

**Tag(s) :** Translational

**Chairs :** Georgia Narsavage (Morgantown, United States of America)

**Pre-work online: 'Quality matters' (QM) evaluation to design/revise content of an online course**

**08:00 Introduction: How to deliver high quality online sessions and communicate science through active learning**  
Geraldine Clarebout (Maastricht, Netherlands)

**08:10 Best practices for interactive online teaching/learning**  
Georgia Narsavage (Morgantown, United States of America)

**08:20 Introduction to the workshop including the 'quality matters' (QM) evaluation**  
Georgia Narsavage (Morgantown, United States of America)

**08:30 Workshop: Design and evaluate a section of an online course**  
Georgia Narsavage (Morgantown, United States of America), Geraldine Clarebout (Maastricht, Netherlands)

**10:10 Discussion and conclusion**

**15:00 - 16:30**

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.*

### Professional development workshop: PD6 Medical and research ethics

**Chairs :**

**10:45 - 12:45**

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.*

### Professional development workshop: PD4 How to deal with difficult people

**Aims :** To increase the ability develop effective approaches to dealing with challenging situations; to use effective communication skills to raise concerns; to identify difficult personality types and utilise specific strategies for dealing with them.

**Target audience :** Allied health professional, Clinician, Fellow, Junior member, Patient, Public health official, Respiratory physician, Trainee, Student, Nurse, Physiotherapist, Researcher, Social worker, Respiratory therapist, Educationalist

**Chairs :** Nicolino Ambrosino (Volterra, Italy)

**10:45 Introduction by the chair**

**10:50 What makes a situation challenging?- Remembering that impact may be different than intent- How perception impacts our view- Gaining psychological distance as you prepare an approach- Recognising that emotions may cloud your judgment and behaviour- Small group discussion: What types of behaviour are most challenging for you and why?**  
Louellen N. Essex (Minnesota, United States of America)

**11:10 When you want to use a communication approach: A step-by-step template- Describing the problem without using judgmental terms- Owning your own point of view- Explaining the impact of the problem- Listening carefully to the response- Negotiating solutions- What to do if you cannot reach agreement- Skills practise in communicating with difficult people in small groups**  
Louellen N. Essex (Minnesota, United States of America)

**11:35 Applying the communication approach to common difficult situations- Case discussion in small groups: What would you say/do?**  
Louellen N. Essex (Minnesota, United States of America)

**12:00 When you want to use a coping approach:- If communication does not work, managing the situation "in the moment"- Examples of what to say and do when certain behaviours occur- Skills practise in triads**  
Louellen N. Essex (Minnesota, United States of America)

**12:25 In summary: Commit-Own-Notice-Frame-Identify-Determine-Evaluate-Negotiate-Collaborate-Experiment = CONFIDENCE**  
Louellen N. Essex (Minnesota, United States of America)

**12:35 Questions and answers**

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME6 Dealing with air leaks during noninvasive ventilation

**Aims :** To provide an understanding of the rationale behind using intentional leak circuits in both the acute adult and paediatric setting.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Dealing with air leaks during NIV**  
Nicholas S. Hill (Providence, United States of America)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME5 Persisting symptoms after pulmonary embolism

**Aims :** To describe a diagnostic and therapeutic strategy for patients with persistent symptoms after acute pulmonary embolism (PE); to discuss the epidemiology of symptoms after acute PE; the differential diagnosis; the pathophysiological mechanisms of disease, including dead space ventilation, right ventricle dysfunction, and pulmonary hypertension; an overview of how to manage patients with persistent symptoms; and current treatment strategies including pulmonary endarterectomy (PET) and balloon pulmonary angioplasty (BPA).

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Persisting symptoms after pulmonary embolism**  
Matthias Held (Wurzburg, Germany), Speaker to be confirmed

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME7 Surgery for lung cancer

**Aims :** To provide an overview of the optimal use of imaging techniques, new generations of chemotherapeutic agents, and new radiation techniques in surgical candidates; and to emphasise the importance of accurate mediastinal staging and optimal timing of treatment.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Surgery for lung cancer**  
Lorenzo Spaggiari (Milan, Italy)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME8 Acute and chronic infection in chronic obstructive pulmonary disease

**Aims :** To discuss the main clinical challenges associated with acute and chronic infection in patients with chronic obstructive pulmonary disease (COPD).

**Track(s) :** Infection

**Chairs :**

**13:00**      **Acute and chronic infection in COPD**  
Marc Miravittles (Barcelona, Spain)

08:30 - 10:30

### Symposium: Regeneratives approaches to COPD

**Aims :** The aims of this symposium are to describe the stem cell changes that occur in the lungs in response to chronic environmental exposures, to discuss new ways of viewing the molecular anatomy of lung tissue and alveolar septa, and outline current and future approaches for preserving or enhancing airway stem cell function.

**Tag(s) :** Basic science

**Chairs :** Antonino Di Stefano (Veruno, Italy), Jonathan Grigg (London, United Kingdom)

- 08:30**      **Stem cells and their functional regeneration in the real (polluted) world**  
Jason Rock (San Francisco, United States of America)
- 
- 09:00**      **The potential of low level laser and shock wave therapies for stimulating regenerative lung and heart cell responses**  
Speaker to be confirmed
- 
- 09:30**      **Small molecule strategies that may enhance and preserve respiratory stem cell function**  
Saverio Bellusci (Giessen, Germany)
- 
- 10:00**      **Lung tissue engineering: making a functional human lung**  
Daniel Weiss (Burlington, United States of America)

**08:30 - 10:30**

### Symposium: Diseases and defences of the respiratory mucosa

#### A joint ERS/SMI symposium

**Aims :** The aims of this session are to explain the role of microbiota/viruses in lung disease; describe the importance of goblet cells in mucosal homeostasis; discuss the role of Th17 cells in bacterial infection and innate immunity in the lung; and describe the key role of the respiratory mucosa in asthma.

**Track(s) :** **Infection**

**Tag(s) :** Translational

**Chairs :** Stefano Aliberti (Milan, Italy), Hans Bisgaard (Copenhagen, Denmark)

- 08:30**      **The role of bacteria and viruses in lung disease**  
Philip Hansbro (Callaghan, Australia)
- 
- 09:00**      **Goblet cells/mucus in mucosal homeostasis**  
Gunnar C. Hansson (Gothenburg, Sweden), Speaker to be confirmed
- 
- 09:30**      **The microbiome and innate immunity in the lung**  
Thomas Clarke (London, United Kingdom), Speaker to be confirmed
- 
- 10:00**      **Asthma: a disease of the respiratory mucosa**  
Hamida Hammad (Ghent, Belgium)

**08:30 - 10:30**

### Symposium: An update on pleural empyema diagnostics and treatment

**Aims :** The session will provide an updated overview of the main achievements of the basic research on pleural empyema that are relevant for clinicians. In particular, the key benefits of the modern therapeutic procedures for pleural empyema, which are largely based on video-assisted technology (VAT), will be described. The take-home message will be that depending on the disease stage, optimal engagement between pulmonologists and surgeons is essential. The main pitfalls that relate to this disease will also be presented to facilitate recognition of the underlying diseases, as those diseases may not always be obvious at first.

**Track(s) :** **Infection** **Intensive care**

**Tag(s) :** Translational

**Chairs :** Danail Petrov (Sofia, Bulgaria), Hans-Beat Ris (Lausanne, Switzerland)

- 08:30**      **New insights into an old disease**  
Gernot G.U. Rohde (Maastricht, Netherlands)
- 
- 09:00**      **How to prevent progression to stage III disease**  
Philippe Astoul (Marseille, France)
- 
- 09:30**      **The changing spectrum of surgical solutions: video-assisted thoracic surgery (VATS), robotics, and open surgery**  
Didier Lardinois (Basel, Switzerland)
- 
- 10:00**      **Major pitfalls in pleural empyema: what about the underlying disease?**  
Dragan R. Subotic (Belgrade, Republic of Serbia)

**08:30 - 10:30**

### Symposium: The history of respiratory public health in Britain air pollution, tobacco control, and occupational lung disease

**Aims :** The aim of this session is to address the UK contributions in the history of tobacco control, air pollution and work-related lung disease.

**Track(s) :** Epidemiology / Environment

**Target audience :** Clinicians and academicians

**Chairs :** Anthony Seaton (Edinburgh, United Kingdom)

**08:30 Tobacco and public health in Great Britain from 1945 through e-cigarettes**

**09:00 From the coal fields to the shipyards: pneumoconiosis past and present**  
Arthur McIvor (Glasgow, United Kingdom)

**09:30 A brief history of a century of air pollution and public health in Great Britain**  
Stephen Mosley (Leeds, United Kingdom)

**10:00 Cotton dust: a personal perspective**  
Charles A. Pickering (Altrincham, United Kingdom)

## 08:30 - 10:30

### Session: Yernault Lecture preceded by the symposium "Latest development in non-invasive ventilation: improvements and gadgets"

**Aims :** Providing detailed information on "what's new" about non-invasive ventilation. New devices and modes, novel approaches for managing patients earlier and avoiding intubation when NIV fails, recent knowledge about mechanisms of long term NIV in chronic stable patients. The symposium will be followed by the Yernault Lecture and will cover ventilatory support in children, transition to adult care and NIV in adults, new thoughts on genotype-phenotype links, evolving outcomes, organisation of care and ethical aspects.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Chairs :** Begüm Ergan (Izmir, Turkey), Wolfram Windisch (Cologne, Germany)

**08:30 New developments for NIV in acute respiratory failure**  
Federico Longhini (Borgomanero, Italy)

**08:50 NIV in chronic hypercapnic respiratory failure: new insights in the mechanisms of action**  
Nicholas Hart (London, United Kingdom)

**09:10 NIV failure in acute hypercapna: intubation vs. extracorporeal CO2 removal**  
Lara Pisani (Bologna, Italy)

**09:30 Should we use early NIV in the ward for COPD exacerbations?**  
Mark W. Elliott (Leeds, United Kingdom)

**09:50 Yernault lecture "Growing up on a ventilator: a learning curve"**  
Anita Simonds (London, United Kingdom)

## 08:30 - 10:30

### Year in review: Paediatric Year in Review from the bench to the clinic

**Aims :** The audience will receive an update in four topics in pediatric respiratory medicine. The most recent and significant literature and developments relating to these topics will be highlighted.

**Track(s) :** Paediatric

**Tag(s) :** Translational

**Chairs :** Monika Gappa (Wesel, Germany), Fabio Midulla (Rome, Italy)

**08:30 New insight in paediatric (Title and topic to be confirmed by speaker)**  
Heather Joy Zar (Johannesburg, South Africa)

**09:00 Noninvasive ventilation in infants and children**  
Charles Christoph Roehr (Oxford, United Kingdom)

**09:30 Environmental threats to paediatric respiratory health**  
Peter D. Sly (South Brisbane, Australia)

**10:00 Respiratory health in refugee children**  
Stefania La Grutta (Palermo, Italy)

08:30 - 10:30

**Poster Discussion: Endoscopic lung volume reduction**

Chairs :

**Targeted segmental volume reduction with vapor ablation in emphysema results in reduced RV and clinically meaningful improvement (CMI) in FEV<sub>1</sub>**

Jim J. Egan, Daniela Gompelmann, Pallav L. Shah, Christian Grah, Arschang Valipour, Joachim H. Ficker, Manfred Wagner, Christian Witt, Uta Liebers, Peter Hopkins, Wolfgang Gesierich, Martin Phillips, Franz Stanzel, William H. McNulty, Christoph Petermann, Greg Snell, Ralf Eberhardt, Felix J.F. Herth, Andre Costa-Pozza, Speaker to be confirmed

**Volume changes after segmental vapor ablation and associated improvements in FEV<sub>1</sub>**

Arschang Valipour, Daniela Gompelmann, Pallav Shah, Christian Grah, Jim Egan, Joachim Ficker, Manfred Wagner, Christian Witt, Uta Liebers, Peter Hopkins, Wolfgang Gesierich, Martin Phillips, Franz Stanzel, William McNulty, Christoph Petermann, Greg Snell, Daniel Chambers, Felix Herth, Speaker to be confirmed

**Bronchoscopic lung volume reduction with silver nitrate in patients with emphysema**

Mohammed Elhanafy, Mohammed El Badrawy, Raed El Metwally, Amr Abdelhameed, Adel El Badrawy, Speaker to be confirmed

**Trans-bronchial bullous volume reduction in COPD patients**

Dalia Elsharawy, Ahmed Shawky, Mohamed Hefeda, Speaker to be confirmed

**Endoscopic lung volume reduction in low FEV<sub>1</sub> patients**

Kaid Darwiche, Rüdiger Karpf-Wissel, Stephan Eisenmann, Lea Pieper, Filiz Özkan, Lutz Freitag, Speaker to be confirmed

**Targeted vapor ablation as a new method for endoscopic lung volume reduction at segmental level**

Kaid Darwiche, Wolfgang Gesierich, Speaker to be confirmed

**Segmental lung volume reduction (LVR) with vapor better targets disease heterogeneity as compared to lobar LVR**

Wolfgang Gesierich, Uta Liebers, Manfred Wagner, Joachim H. Ficker, Christian Grah, Greg Snell, Speaker to be confirmed

**Bleeding complications after endoscopic lung volume reduction coil treatment: A retrospective observational study**

Marcel Simon, Harald Itrich, Lars Harbaum, Tim Oqueka, Stefan Kluge, Hans Klose, Speaker to be confirmed

**Survival benefit from successful bronchoscopic lung volume reduction with endobronchial valves - A 10 year follow up study**

Nick Hopkinson, Samuel Kemp, Tudor Toma, David Hansell, Pallav Shah, Michael Polkey, Speaker to be confirmed

**A single center experience with lung volume reduction coil (LVR-coil) treatment of patients with advanced emphysema. Effectiveness and complications after 1 year**

Konstantina Kontogianni, Vasiliki Gerovasili, Maren Schuhmann, Daniela Gompelmann, Claus Peter Heußel, Hans Hoffmann, Felix Herth, Ralf Eberhardt, Speaker to be confirmed

**The minimal important difference for target lobe volume reduction following endoscopic valve therapy in patients with advanced emphysema**

Daniela Gompelmann, Ralf Eberhardt, Claus-Peter Heussel, Maren Schuhmann, Konstantina Kontogianni, Felix J.F. Herth, Speaker to be confirmed

**A comparison of the effects of endobronchial valve and coil treatments used in emphysema on respiratory functions and quality of life**

Yavuz Selim Intepe, Bayram Metin, Mahmut Kilic, Eylem Yildirim, Erdogan Cetinkaya, Speaker to be confirmed

**Comparison of software based CT fissure analyses and endobronchial in-vivo measurements for detection of collateral ventilation for endoscopic lung volume reduction**

Dominik Herzog, Eva M. Van Rikxoort, Christian Thomsen, Tamar Zhamurashvili, Felix Doellinger, Dorothea Theilig, Bettina Temmesfeld-Wollbruck, Stefan Hippenstiel, Norbert Suttorp, Ralf-Harto Hübner, Speaker to be confirmed

**Endoscopic lung volume reduction (ELVR) in COPD: Changes in lung mechanics with ELVR using the forced oscillation technique (FOT)**

Kelvin Hsu, Claude S. Farah, Jonathan P. Williamson, Matthew J. Peters, Alvin J. Ing, Speaker to be confirmed

**The sequential intrabronchial valve implantation as the treatment option for severe heterogeneous emphysema**

Piotr Kocon, Maciej Gnass, Artur Szlubowski, Anna Soczek, Tomasz Smeder, Piotr Talar, Jerzy Soja, Jaroslaw Kuzdzal, Speaker to be confirmed

**Pseudomonas aeruginosa – associated COPD exacerbations after endoscopic endobronchial valve implantation**

Izabela Tuleta, Carmen Pizarro, Ernst Molitor, Glen Kristiansen, Georg Nickenig, Uwe Juergens, Dirk Skowasch, Speaker to be confirmed

**Outcome after interventional lungvolume reduction with coils (LVRC) dependent from the initial clinical presentation**

Harald Trautmann, Natalia Golowtschenko, Katrin Klein, Frauke Paulus, Baumann Hans Jörg, Speaker to be confirmed

**Bronchoscopic treatment of bronchopleural fistulae with silver nitrate**

Mohammed Elhanafy, Mohammed El Badrawy, Raed El Metwally, Amr Abdelhameed, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: New findings in mucosal immunology****Chairs :****Murine lung lipofibroblast lineage tracing**

Aglaia Ntokou, Marten Szibor, Werner Seeger, Rory Morty, Katrin Ahlbrecht, Speaker to be confirmed

**Increased expression of TRPA1 in the airways of patients with severe asthma**

Harvinder Virk, Aarti Shikotra, Peter Bradding, Speaker to be confirmed

**Deficiency of immunoproteasome subunit LMP2 increases alternative polarization of alveolar macrophages**

Ilona Kammerl, Shanze Chen, Martin Irmeler, Johannes Beckers, Oliver Eickelberg, Silke Meiners, Tobias Stöger, Speaker to be confirmed

**Antiinflammatory properties of PAH drugs**

Kathrin Watzinger, Ivan Tancevski, Thomas Sonnweber, Judith Löffler-Ragg, Speaker to be confirmed

**Aberrant airway epithelial differentiation resulting from cigarette smoke exposure leads to loss of constitutive antimicrobial peptide and protein (AMP) expression**

Pieter S. Hiemstra, Gimano D. Amatngalim, Jasmijn A. Schrupf, Fernanda Dishchekenian, Tinne C.J. Mertens, Dennis K. Ninaber, Abraham C. van der Linden, Christian Taube, Anne M. van der Does, Speaker to be confirmed

**Over expression of endothelin-1 (ET-1) in lung fibroblasts (LFb) from patients with pulmonary arterial hypertension (PAH), evidence for loss of inhibitory control**

Kurt Racke, Margarita Fuhrmann, Uwe R. Juergens, Soni Pulamsetti, Werner Seeger, Speaker to be confirmed

**Airway inflammation in COPD after long-term withdrawal of inhaled corticosteroids**

Lisette I.Z. Kunz, Nick H.T. Ten Hacken, Therese S. Lapperre, Wim Timens, Huib A.M. Kerstjens, Annemarie van Schadewijk, Judith M. Vonk, Jacob K. Sont, Jiska B. Snoeck-Stroband, Dirkje S. Postma, Peter J. Sterk, Pieter S. Hiemstra, Speaker to be confirmed

**Role of ACKR2 in experimental COPD induced by cigarette smoke inhalation**

Diego Coutinho, Tatiana Paula Ferreira, Davidson Dias, Ana Carolina Arantes, Bianca Ciambarella, Magda Serra, Patrícia Machado Rodrigues Silva, Massimo Locati, Marco Aurélio Martins, Speaker to be confirmed

**Identification of Ki67<sup>+</sup> 'monocytic' cells within the lungs**

Arjun Ravi, Sarah Mason, Simon Lea, Umme Kolsum, George Booth, Jorgen Vestbo, Dave Singh, Speaker to be confirmed

**Role of CD69 in the pathogenesis of elastase-induced pulmonary inflammation and emphysema**

Tetsuo Fujita, Kento Yoshioka, Hiroki Umezawa, Kensuke Tanaka, Yusuke Naito, Masahiko Hatano, Toshinori Nakayama, Koichiro Tatsumi, Yoshitoshi Kasuya, Speaker to be confirmed

**Characterisation of defective phagocytosis by chronic obstructive pulmonary disease alveolar macrophages**

Jamil Jubrail, Katy Montauban, Pierre Regis-Burgel, Nisha Kurian, Florence Niedergang, Speaker to be confirmed

**Telomere shortening in type II pneumocytes relates to idiopathic pulmonary fibrosis**

Aernoud van Batenburg, Reinier Snetselaar, Roel Goldschmeding, Jan Grutters, Karin Kazemier, Coline van Moorsel, Speaker to be confirmed

**Eosinophil-induced airway smooth muscle cells remodeling is attenuated by blocking of RGD-binding integrins in asthma**

Andrius Januskevicius, Simona Lavinskiene, Reinoud Gosens, Ieva Janulaityte, Deimante Hoppenot, Laura Tamasauskiene, Virginija Kalinauskaite-Zukauske, Raimundas Sakalauskas, Kestutis Malakauskas, Speaker to be confirmed

**Neutrophil vascular endothelial growth factor (VEGF) as a driving force for angiogenesis in bronchiectasis?**

Christopher Cole, Sonya Carnell, Kasim Jiwa, Jodie Birch, Katy Hester, Chris Ward, John Simpson, Anthony De Soya, Speaker to be confirmed

**Targeting ASK1 in preventing airway smooth muscle growth: Implications for airway remodeling in COPD**

Dia Xenaki, Deepak Deshpande, Brian Oliver, Pawan Sharma, Speaker to be confirmed

**Thymic stromal lymphopoietin (TSLP) in naturally occurring asthma exacerbations in adults**

Ager Bjerregård, Svetlana Baltic, Lucy Barrett, Phillip Thompson, Vibeke Backer, Markus Fally, Ingrid Laing, Siew-Kim Khoo, Peter Le Souëf, Celeste Porsbjerg, Speaker to be confirmed

**The appearance and distribution of inflammatory, anti-inflammatory and regulatory interleukins in relatively healthy lung tissue**

Zane Vitenberga, Mara Pilmane, Speaker to be confirmed

**IL-23 is essential to the development of elastase-induced pulmonary inflammation and emphysema**

Utako Fujii, Nobuaki Miyahara, Akihiko Taniguchi, Daisuke Morichika, Naohiro Oda, Koichi Waseda, Etsuko Kurimoto, Mikio Kataoka, Akihiko Yoshimura, Akihiko Kanehiro, Mitsune Tanimoto, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Pulmonary hypertension: the clinic**

Chairs :

**Assessment of platelet dysfunction in patients with pulmonary arterial hypertension**

Eleni Vrigkou, Argiris Tsantes, Stefanos Bonovas, Anastasia Anthi, Dimitris Konstantonis, Athanasios Pappas, Cornelia Mitrakou, Stelios Orfanos, Apostolos Armaganidis, Iraklis Tsagkaris, Speaker to be confirmed

**Native myocardial T1 correlates with right ventricular remodelling in patients with pulmonary hypertension**

Laura Hutchison, Neil Stewart, Charlotte Hammerton, David Capener, Valentina Puntmann, Kiely David, Wild Jim, Swift Andy, Speaker to be confirmed

**Management of selexipag interruptions in the GRIPHON study**

Ioana Preston, Kelly Chin, Lilla Di Scala, Harrison Farber, Sean Gaine, Nazzareno Galiè, Hossein-Ardeschir Ghofrani, Marius M. Hoeper, Irene Lang, Vallerie McLaughlin, Ralph Preiss, Lewis J. Rubin, Gérald Simonneau, Olivier Sitbon, Victor F Tapson, Richard Channick, Speaker to be confirmed

**Dysregulation of iron homeostasis in Eisenmenger syndrome; comparison to idiopathic pulmonary arterial hypertension and healthy controls**

Sharon Mumby, Latha Ramakrishnan, Aleksander Kempny, Gregory Quinlan, John Wort, Speaker to be confirmed

**Cardiac involvement in undifferentiated connective tissue disease at risk for systemic sclerosis. A tissue doppler imaging study**

Michele D'Alto, Paola Argiento, Giovanni Maria De Matteis, Antonella Marcocchia, Anna Corra, Emanuele Romeo, Giovanni Maria Di Marco, Rosaria Irace, Antonella Riccardi, Maria Giovanna Russo, Gabriele Valentini, Speaker to be confirmed

**Echocardiography for the diagnosis of pulmonary vascular disease**

Michele D'Alto, Emanuele Romeo, Paola Argiento, Adriana Pavelescu, Giovanni Maria Di Marco, Agostino Matteredo Iacono, Anna Corra, Maria Giovanna Russo, Robert Naeije, Speaker to be confirmed

**Right ventricular MRI characteristics in patients with borderline pulmonary hypertension**

Kieran Shotton, Henry Walker, Christopher Johns, Dave Capener, Charlie Elliot, Robin Condliffe, Thanos Charalampopoulos, David Kiely, Jim Wild, Andrew Swift, Speaker to be confirmed

**Echocardiography for defining the right ventricular contractile reserve in healthy subjects**

Michele D'Alto, Adriana Pavelescu, Emanuele Romeo, Paola Argiento, Giovanni Maria Di Marco, Anna Correr, Agostino Mattera Iacono, Maria Giovanna Russo, Robert Naeije, Speaker to be confirmed

**Vasoreactivity to inhaled nitric oxide does not predict long term survival in pulmonary arterial hypertension**

Geeshath Jayasekera, Martin Johnson, Colin Church, Andrew Peacock, Speaker to be confirmed

**Role of tadalafil in patients with hypoxia / lung disease induced (group 3) pulmonary hypertension**

Suraj Puthiyaveetil, Jyothi Edakalavan, Speaker to be confirmed

**Dexamethasone reduces pulmonary artery pressure in lowlanders with COPD travelling to 3200m. A randomized, placebo-controlled trial**

Mona Lichtblau, Michael Furian, Sayaka Aeschbacher, Maya Bisang, Sara Hartmann, Stefanie Ulrich, Tsogyal Latshang, Almaz Aldashev, Erkin Mirrakhimov, Talant Soronbaev, Konrad E. Bloch, Silvia Ulrich, Speaker to be confirmed

**Iron deficiency in pulmonary arterial hypertension: A matter of definition!**

Thomas Sonnweber, Eva Rieger, Katharina Cima, Günter Weiss, Judith Löffler-Ragg, Speaker to be confirmed

**Inhaled glucocorticosteroid treatment effects on pulmonary artery pressure and cardiac function in healthy smokers**

Eliana Mendes, Adam Wanner, Meela Parker, Andreas Schmid, Johana Arana, Barry Hurwitz, Speaker to be confirmed

**The OPTIEK1 study: Design and preliminary results of a Dutch national registry**

Anna Huis in 't Veld, A. Vonk Noordegraaf, A. Boonstra, W. Jacobs, H.M. Willemsen, H.P. Grotjohan, W.M. Waskowsky, M.J. Overbeek, S.A. Mollema, L.H. Elbouazzaoui, J.W.J. Vriend, R. Hoekstra, J. Van der Maten, A.P. Van der Weerd, H.J. Bogaard, Speaker to be confirmed

**MRI derived left atrial volume index predicts treatment response in patients with PAH**

Euan Tubman, Tom Sproson, Dave Capener, Robin Condliffe, Charlie Elliot, Athanasios Charalamopolous, David Kiely, Wild Jim, Andy Swift, Speaker to be confirmed

**Procedural safety of a fully implantable pump for delivery of intravenous prostanoids in severe pulmonary hypertension: A two-center observational study**

Manuel Richter, Ralf Ewert, Christian Warnke, Henning Gall, Simon Classen, Friedrich Grimminger, Eckhard Mayer, Werner Seeger, Ardeschir Ghofrani, Speaker to be confirmed

**Cardiopulmonary MR characteristics can estimate mPAP in COPD**

Christopher Johns, Dave Capener, Charlotte Hammerton, Kieran Shotton, Charlie Elliot, Robin Condliffe, David Kiely, Jim Wils, Andrew Swift, Speaker to be confirmed

**Clinical manifestation of hereditary pulmonary arterial hypertension by a <sup>2</sup>second hit<sup>2</sup> mutation in the genes BMPR2 and EIF2AK4**

Christina Eichstaedt, Jie Song, Rebecca Rodríguez Viales, Nicola Benjamin, Satenik Harutyunova, Christine Fischer, Katrin Hinderhofer, Ekkehard Grünig, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Assessing the lower airway inflammation with different tools****Chairs :****Safety of sputum monitoring in a severe asthma population - The Manchester severe asthma team experience**

Gael Tavernier, Stephen Fowler, Leanne Holmes, Dorothy Ryan, Robert Niven, Speaker to be confirmed

**An electronic nose can sniff out amyotrophic lateral sclerosis**

Silvano Dragonieri, Vitaliano Quaranta, Pierluigi Carratu, Lorenzo Marra, Teresa Ranieri, Giuseppina D'Alba, Onofrio Resta, Speaker to be confirmed

**Exhaled breath analysis for identifying eosinophilic and neutrophilic inflammation in a mixed population of patients with asthma or COPD**

Rianne de Vries, Paul Brinkman, Yennece W. Dagelet, Erica Dijkers, Frans H.C. de Jongh, Peter J. Sterk, Speaker to be confirmed

**Determinants of exhaled particles of a standardized breathing maneuver**

Annika Claesson, Björn Bake, Evert Ljungström, Matthias Holm, Anna-Carin Olin, Speaker to be confirmed



**Inflammatory response to the exposure with ultra-fine particles and ozone**

Olaf Holz, Karsten Heusser, Arne Gaida, Maria Allers, Stefan Zimmermann, Meike Müller, Sven Schuchardt, Christoph Schindler, Jens Tank, Jens Jordan, Jens M. Hohlfeld, Speaker to be confirmed

**Early and late effect of acute bronchodilation on exhaled nitric oxide in asthma**

Lucas Demey, Alain Van Muylem, Alain Michils, Speaker to be confirmed

**The use of bronchoalveolar lavage (BAL) to assess lower airways inflammation in asthma**

Clair Barber, Laurie Lau, Jon Ward, Kamran Tariq, Kerry Gove, Hitasha Rupani, Paddy Dennison, Arjjana Sivaloganathan, Karl J. Staples, Peter H. Howarth, Speaker to be confirmed

**Concentration of exhaled endogenous particles in relation to peripheral airway dysfunction**

Emilia Viklund, Per Gustafsson, Sanna Kjellberg, Jeong-Lim Kim, Anna-Carin Olin, Speaker to be confirmed

**Identification of exhaled volatile organic compounds (VOCs) associated with loss of asthma control**

Paul Brinkman, Niki Fens, Marianne A. van de Pol, Peter J. Sterk, Anirban Sinha, Speaker to be confirmed

**The effect of chlorine exposure on Exhaled Nitric Oxide in asthmatic children attending indoor swimming pool**

Sotiria Peletidou, George Vavougiou, Vasileios Stavrou, Eleni Karetsi, Konstantinos Gourgoulis, Zoe Daniil, Speaker to be confirmed

**Relevance of laser spectroscopy OF-CEAS (optical feedback cavity enhanced absorption spectroscopy), for the measurement of carbon monoxide in healthy volunteers**

Vivien Brenckmann, Irene Ventrillard, Raphael Briot, Speaker to be confirmed

**E-nose discriminative ability within a highly homogeneous sample of respiratory diseases**

Simone Scarlata, Giorgio Pennazza, Marco Santonico, Simona Santangelo, Chiara Vernile, Antonio De Vincentis, Raffaele Antonelli Incalzi, Speaker to be confirmed

**Diagnostic value of FeNO in COPD and asthma - COPD overlap syndrome**

Binu Krishnan, S. Priya, Speaker to be confirmed

**Utility of fractional exhaled nitric oxide (FeNO) in assessing asthma control following inhaled corticosteroid treatment**

Anant Mohan, V. Kavitha, Karan Madan, Vijay Hadda, Randeep Guleria, G.C. Khilnani, Speaker to be confirmed

**Characterization of volatile organic compounds (VOCs) in exhaled air during exacerbation of chronic obstructive pulmonary disease (COPD)**

Maxime Sauvage, Aude Pelissier, Thierry Basset, Jean Michel Vergnon, Frédéric Costes, Speaker to be confirmed

**Rapid and portable MBW measurements for clinical application of LCI in routine clinics**

Alex Horsley, Anirban Maitra, Anna Shawcross, Francis Gilchrist, Steve Cunningham, Andrew Jones, Christina Dale, Jaclyn Smith, Speaker to be confirmed

**Two sites of airway obstruction identified by post-bronchodilation change of exhaled nitric oxide in COPD patients**

Silvia Perez Bogerd, Alain Michils, Andrei Malinovski, Alain Van Muylem, Speaker to be confirmed

**Impact of standardized physical exertion on oxidative stress biomarkers in exhaled breath condensate of patients suffering from severe chronic obstructive pulmonary disease - The PHAETON project**

Vratislav Sedláček, Petr Kacer, Vladimír Koblížek, Katerina Neumannová, Jaromír Zatloukal, Marek Plutinský, Lukáš Jakubec, Štěpánka Vlcková, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Measuring physical activity in chronic respiratory disease****Chairs :****Summer-winter variability of physical activity in daily life: comparison between Brazilian and Belgian patients with COPD**

Karina Couto Furlanetto, Heleen Demeyer, Thais Sant'Anna, Nidia Aparecida Hernandez, Carlos Augusto Camillo, Lorena Paltanin Schneider, Larissa Martinez, Gabriela Nandi, Jessica Fonseca, Miek Hornikx, Annemie Smeets, Rik Gosselink, Thierry Troosters, Fabio Pitta, Speaker to be confirmed

**A comparison of physical activity level and exercise capacity between patients with bronchiectasis and healthy controls**

Aslihan Cakmak, Deniz Inal-Ince, Ozge Ozalp, Cemile Bozdemir-Ozel, Hazal Sonbahar-Ulu, Ebru Calik-Kutukcu, Melda Saglam, Naciye Vardar-Yagli, Ozden Ozkal, Hulya Arikan, Lutfi Coplu, Speaker to be confirmed

**Social and environmental determinants of physical activity in patients with chronic obstructive pulmonary disease (COPD)**

Elena Gimeno-Santos, Ane Arbillaga-Etxarri, Aneel Barberan-Garcia, Marta Benages-Albert, Marta Benet, Payam Dadvand, Maria Foraster, Alicia Marin, Monica Monteagudo, Pere Vall-Casas, Jordi Vilaró, Judith Garcia-Aymerich, Speaker to be confirmed

**Factors associated with daily life physical activity in Brazilian COPD patients**

Rafaella Xavier, Aline Costa Lopes, Ana Carolina Alves Caporali Pereira, Marcio Correa Mancini, Ercy Mara Cipulo Ramos, Rafael Stelmach, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

**Association of illness perceptions with psycho-demographic factors and physical activity in COPD patients**

Rafaella Xavier, Aline Costa Lopes, Ana Carolina Alves Caporali Pereira, Regina Maria Carvalho-Pinto, Frederico Leon Arrabal Fernandes, Samantha L. Harrison, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

**Walk2Bactive: Patients' perspectives of a physical activity-focused intervention beyond pulmonary rehabilitation in COPD**

Joana Cruz, Dina Brooks, Alda Marques, Speaker to be confirmed

**Comparison of daily life physical activity in patients with COPD and asthma COPD overlap syndrome**

Rafaella Xavier, Ana Carolina Alves Caporali Pereira, Aline Costa Lopes, Ercy Mara Cipulo Ramos, Marcio Correa Mancini, Alberto Cukier, Celso Ricardo Fernandes Carvalho, Speaker to be confirmed

**Predictors of activities of daily living in patients with COPD**

Ismail Ozsoy, Sema Savci, Serap Acar, Buse Ozcan Kahraman, Sevgi Ozalevli, Atila Akkoçlu, Speaker to be confirmed

**Acceptability and suitability of the use of TracmorD activity monitor in patients with COPD for home coaching – A pilot study**

Leandro Mantoani, Rita Priori, Chevone Barretto, Privender Saini, Mareike Klee, Susan McNarry, Susan Mullen, Brian McKinstry, William MacNee, Roberto Rabinovich, Speaker to be confirmed

**Physical activity, functional exercise capacity, pulmonary functions, anxiety, depression and quality of life in newly diagnosed acute leukemia patients**

Gulsah Bargi, Meral Bosnak Güçlü, Zeynep Aribas, Zeynep Pelin DüNDAR, Elif Sakizli, Zeynep Arzu Yegin, Gülsan Türköz Sucak, Speaker to be confirmed

**Responsiveness of PROactive instruments to measure physical activity in COPD patients**

Judith Garcia Aymerich, Milo Puhan, Corina de Jongh, Heleen Demeyer, Damijan Erzen, Elena Gimeno Santos, Nicholas Hopkinson, Niklas Karlsson, Zafeiris Louvaris, Michael Polkey, Roberto Rabinovich, Solange Rohou, Noah Rubio, Ignasi Serra, Mario Scuri, Maggie Tabberer, Thys Van der Molen, Ioannis Vogiatzis, Thierry Troosters, Speaker to be confirmed

**Comparison of physical activity level between duchenne muscular dystrophy and healthy children**

Gamze Baskent, Rengin Demir, Gonca Bektas, Edibe Pembegul Yildiz, Speaker to be confirmed

**Comparison of physical activity levels and fatigue severity in young and elderly males with COPD**

Elvan Keles, Deniz Bayraktar, Aylin Ozgen Alpaydin, Sevgi Ozalevli, Speaker to be confirmed

**Sedentary behavior is more important than the moderate-to-vigorous physical activity for predicting FVC and FEV1 in adults without respiratory diseases**

Victor Dourado, Evandro Sperandio, Vitor Almeida, Flavio Almeida, Matheus Nascimento, Agatha Matheus, Vinicius Lauria, Rodrigo Silva, Thatiane Ostolin, Mariam Bouchnak, Alan Barbosa, Bárbara Gonze, Giovanna Spina, Marcello Romiti, Antônio Gagliardi, Rodolfo Arantes, Speaker to be confirmed

**Barriers to implementation of the physical activity guidelines in lung cancer**

Catherine Granger, Linda Denehy, Louisa Remedios, Selina Parry, Speaker to be confirmed

**Factors influencing participation and adherence to a pulmonary rehabilitation program in patients with COPD: A qualitative study**

Fabiano Lima, Giovanna Alté, Marcia Costa Franco, Rafael Pinto, Ana Paula Freire, Paulo Gomes, Carlos Augusto Camillo, Dionei Ramos, Ercy Mara Ramos, Speaker to be confirmed

**Fatigue, daily living activities, depression and anxiety in patients with asthma**

Pinar Odevoglu, Goksen Kuran Aslan, Elif Ustun, Buket Barutcu, Zuleyha Bingol, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Rifampicin resistance, MDRTB and new drug treatments**

Chairs :

**The global response to rifampicin-resistant tuberculosis: Current situation and recent trends**  
Dennis Falzon, Nguyen Linh Nhat, Jaramilloe Ernesto, Weyer Karin, Speaker to be confirmed

**Rifampicin-resistant tuberculosis (RR-TB) in eastern Europe**  
Dennis Falzon, Andrei Dadu, Arax Hovhannesian, Matteo Zignol, Masoud Dara, Speaker to be confirmed

**Estimation of XDR-TB in European part of the Russian Federation**  
Vadim Testov, Irina Vasilyeva, Vladimir Puzanov, Anastasia Samoiloova, Victor Punga, Speaker to be confirmed

**Rifampicin (Rif)-resistant tuberculosis (TB) on GeneXpert in Mumbai, India: How effective is the best derived empiric regimen?**  
Jai Mullerpattan, Chaitali Nikam, Ujjwal Sharma, Radhika Banka, V. Pratibh Prasad, Camilla Rodrigues, Lancelot Pinto, Speaker to be confirmed

**Interpretation of indeterminate RIF-susceptibility results obtained by rapid molecular diagnostics test**  
Elmira Gurbanova, Rafail Mehdiyev, Kai Blondal, Rasim Tahirli, Fuad Mirzayev, Doris Hillemann, Asker Ismayilov, Alan Altraja, Speaker to be confirmed

**Rapid detection of mycobacterium tuberculosis from MODS culture by PCR**  
Simona Peter, Andrei-Tudor Cernomaz, Florin Rusu-Cordunean, Ina-Iuliana Macovei, Ionut Pavel, Radu Zonda, Bogdan-Dragos Grigoriu, Speaker to be confirmed

**MIC and gyrA/B genetic analyses of fluoroquinolones against mycobacterium tuberculosis isolated in Japan**  
Lina Yi, Akio Aono, Kinuyo Chikamatsu, Yuriko Igarashi, Takashi Ofuji, Kentaro Sakashita, Hiroyuki Yamada, Akiko Takaki, Satoshi Mitarai, Speaker to be confirmed

**Detection of first and second line drug resistance mutations from multi drug resistant mycobacterium tuberculosis strains by Ion Torrent whole genome sequencing (WGS)**  
Ionut Pavel, Ina Iuliana Macovei, Simona Péter, Daniela Diculencu, Florin Rusu-Cordunean, Bogdan Dragos Grigoriu, Speaker to be confirmed

**Transmission pattern of MDR-TB in Singapore 2005-2015**  
Cynthia Chee, Leo Lim, Li-Yang Hsu, Jeffery Cutter, Yee-Tang Wang, Speaker to be confirmed

**Multidrug-resistant tuberculosis in pregnant women: Treatment and birth outcomes**  
Andrii Dudnyk, Olena Pavel'chuk, Speaker to be confirmed

**Effectiveness and safety of meropenem/clavulanate-containing regimens in the treatment of multidrug-resistant tuberculosis**  
Marie-Christine Payen, Simon Tiberi, Giovanni Sotgiu Sotgiu, Lia D'ambrosio, Rosella Centis, Marcos Abdo Arbex, Edith Alarcon Arrascue, Jan Willem Alffenaar, Jose A. Caminero, Mina Gaga, Gina Gualano, Alena Skrahina, Yvan Solovic, Giorgia Sulis, Marina Tadolini, Valentina Alarcon Guizado, Saverio De Lorenzo, Aurora Arias, Anna Scardigli, Onno W. Akkerman, Alena Aleksa, Janina Artsukevich, Vera Avchinko, Eduardo Henrique Bonini, Felix Antonio Chong Marin, Lorena Collahuazo Lopez, Gerard de Vries, Simone Dore, Heinke Kunst, Alberto Matteelli, Charalampos Moschos, Fabrizio Palmieri, Apostolos Papavasileiou, Andrea Piana, Antonio Spanevello, Dante Vargas Vasquez, Pietro Viggiani, Veronica White, Alimuddin Zumla, Giovanni Battista Migliori, Speaker to be confirmed

**Effectiveness and safety of imipenem/clavulanate- versus meropenem/clavulanate-containing regimens in the treatment of multidrug resistant tuberculosis**  
Simon Tiberi, Giovanni Sotgiu, Lia D'ambrosio, Rosella Centis, Marcos Abdo Arbex, Edith Alarcon Arrascue, Jan Willem Alffenaar, Jose A. Caminero, Mina Gaga, Gina Gualano, Alena Skrahina, Ivan Solovic, Giorgia Sulis, Marina Tadolini, Valentina Alarcon Guizado, Saverio De Lorenzo, Aurora Jazmin Roby Arias, Anna Scardigli, Onno W. Akkerman, Alena Aleksa, Janina Artsukevich, Eduardo Henrique Bonini, Felix Antonio Chong Marin, Lorena Collahuazo Lopez, Gerard de Vries, Simone Dore, Heinke Kunst, Alberto Matteelli, Charalampos Moschos, Fabrizio Palmieri, Apostolos Papavasileiou, Marie-Christine Payen, Andrea Piana, Antonio Spanevello, Dante Vargas Vasquez, Pietro Viggiani, Veronica White, Alimuddin Zumla, Giovanni Battista Migliori, Speaker to be confirmed

**Opportunities of application of short regimens for MDR-TB at the expense of using intravenous administration of anti-TB drugs during intensive phase**  
Aleksy Denysov, Nataliia Lytvynenko, Ganna Varytska, Tetiana Sprynsian, Speaker to be confirmed

**Effectiveness and safety of six month chemotherapy course of XDR TB including bedaquiline and linezolid**

Alexander Bazhenov, Eugene Egorov, Valentina Ohtyarkina, Stanislav Shipunov, Oleg Bazhenov, Speaker to be confirmed

**Efficiency of MDR-TB therapy with the use of thioureidoiminomethylpyridinii perchlorate**

Anna Starshinova, Maria Pavlova, Evgenia Istomina, Ekaterina Belaeva, Irina Chernokhaeva, Peter Yablonskiy, Speaker to be confirmed

**Therapeutic effect of adenoviral vector-mediated GM-CSF gene transfer in lung antimycobacterial immunity in M. bovis BCG infected mice**

Alena Singpiel, Julia Kramer, Regina Maus, Jennifer Stolper, Tobias Welte, Jack Gaudie, Martin Kolb, Ulrich A. Maus, Speaker to be confirmed

**Potential role of autologous mesenchymal stromal cells in the treatment of multidrug and extensively drug-resistant tuberculosis**

Aliaksandr E. Skrahin, Helen E. Jenkins, Hennadz Hurevich, Varvara Solodovnokova, Yanina Isaikina, Dzmitri Klimuk, Zoya Rohava, Alena Skrahina, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: New and old therapies for chronic lung diseases**

Chairs :

**08:30 Dose modifications and dose intensity during treatment with pirfenidone**  
Steven Nathan, Lisa Lancaster, Carlo Albera, Marilyn Glassberg, Jeffrey Swigris, Frank Gilberg, Klaus-Uwe Kirchgaessler, Ute Petzinger, Paul Noble, Speaker to be confirmed

**08:45 Effect of continued pirfenidone treatment following a 15% decline in 6-minute walk distance (6MWD) in patients with idiopathic pulmonary fibrosis (IPF): Pooled analysis from 3 pivotal studies**  
Steven Nathan, Carlo Albera, Ulrich Costabel, Ian Glaspole, Marilyn Glassberg, Lisa Lancaster, David Lederer, Carlos Pereira, Jeffrey Swigris, Andrey Pavlov, John Stauffer, Bann-Mo Day, Willis Chou, Athol Wells, Speaker to be confirmed

**09:00 Protective effects of vitamin D supplementation against acute respiratory infection are greatest in those with the lowest baseline vitamin D status**  
Adrian R. Martineau, David A. Jolliffe, Richard L. Hooper, Lauren Greenberg, John F. Aloia, Peter Bergman, Gal Dubnov-Raz, Susanna Esposito, Davaasambuu Ganmaa, Emma C. Goodall, Cameron Grant, Christopher J. Griffiths, Wim Janssens, Ilkka Laaksi, Semira Manaseki-Holland, David Murdoch, Rachel E. Neale, Judy R. Rees, Steve Simpson, Iwona Stelmach, Geeta Trilok Kumar, Mitsuyoshi Urashima, Carlos A. Camargo, Speaker to be confirmed

**09:15 Correlation between change in lung density and lung function parameters in treated alpha-1 protease inhibitor (A<sub>1</sub>-PI) deficiency**  
Helmut Teschler, Niels Seersholm, Kenneth R. Chapman, Marion Wencker, Michael Fries, Oliver Vit, N. Gerard McElvaney, Speaker to be confirmed

**09:30 Increased proportion of slow decliners in patients with alpha-1 protease inhibitor (A<sub>1</sub>-PI) deficiency following treatment with A<sub>1</sub>-PI**  
Noel Gerard McElvaney, Niels Seersholm, Kenneth R. Chapman, Marion Wencker, Michael Fries, Oliver Vit, Speaker to be confirmed

**09:45 Effectiveness of rituximab (RTX) therapy in recurrent granulomatosis with polyangiitis (GPA)**  
Dariusz Gawryluk, Justyna Fijolek, Elzbieta Wiatr, Speaker to be confirmed

**10:00 Combination of pentoxifylline and vitamin E for the treatment of sarcoidosis: Retrospective analysis**  
Alexander Vize, Irina Vize, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: IPF treatment I**

Chairs :

**08:30 Long-term safety of pirfenidone (PFD) in patients with idiopathic pulmonary fibrosis (IPF): Pooled analysis of 4 clinical trials**  
Paul Noble, Carlo Albera, Lisa Lancaster, Phillip Hormel, Henry Hulter, Ulrich Costabel, Speaker to be confirmed

**08:45 Benefit of treatment with pirfenidone (PFD) persists over time in patients with idiopathic pulmonary fibrosis (IPF) with limited lung function impairment**  
Paul Noble, Carlo Albera, Klaus-Uwe Kirchgaessler, Frank Gilberg, Ute Petzinger, Ulrich Costabel, Speaker to be confirmed

- 09:00 Annual rate of FVC decline in patients with IPF treated with pirfenidone: Pooled analysis from 3 pivotal studies**  
Paul Noble, Carlo Albera, Willis Chou, Ulrich Costabel, Bann-mo Day, Ian Glaspole, Marilyn Glassberg, Lisa Lancaster, David Lederer, Steven Nathan, Carlos Pereira, John Stauffer, Jeffrey Swigris, Speaker to be confirmed
- 09:15 Effect of baseline composite physiologic index on benefit of nintedanib in IPF**  
Athol Wells, Jürgen Behr, Wibke Stansen, Susanne Stowasser, Toby Maher, Speaker to be confirmed
- 09:30 Analysis of patients with idiopathic pulmonary fibrosis (IPF) with percent predicted forced vital capacity (FVC)<50% treated with pirfenidone (PFD) in RECAP**  
Ulrich Costabel, Carlo Albera, Klaus-Uwe Kirchgassler, Frank Gilberg, Ute Petzinger, Paul Noble, Speaker to be confirmed
- 09:45 Final analysis of RECAP, an open-label extension study of pirfenidone in patients with idiopathic pulmonary fibrosis (IPF)**  
Ulrich Costabel, Carlo Albera, Lisa Lancaster, Phillip Hormel, Henry Hulter, Paul Noble, Speaker to be confirmed
- 10:00 Twenty-four week decline in forced vital capacity predicts mortality at week 52 in the INPULSIS® trials**  
Luca Richeldi, Arata Azuma, Moisés Selman, Wenbo Tang, Jorge Capapey, Susanne Stowasser, Vincent Cottin, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: New genomic targets in pulmonary disease

Chairs :

- 08:30 LSC Abstract – Global gene expression analysis of the mucociliary differentiation process of human bronchial epithelial cells at the air-liquid interface**  
Jeremy Parker, Stefan Piatek, William Cookson, Miriam Moffatt, Speaker to be confirmed
- 08:45 LSC Abstract – Non-canonical WNT signaling is mediated by extracellular vesicles in pulmonary fibrosis**  
Aina Martin, Sarah Vierkotten, Thomas Hofer, Marion Frankenberger, Jürgen Behr, Michaela Aichler, Axel Walch, Melanie Königshoff, Speaker to be confirmed
- 09:00 FKBP5 a candidate for corticosteroid insensitivity in COPD**  
Alen Faiz, Dirkje S. Postma, Gerard H. Koppelman, Pieter S. Hiemstra, Peter J. Sterk, Wim Timens, Katrina Steiling, Avrum Spira, Irene H. Heijink, Maarten van den Berge, Speaker to be confirmed
- 09:15 LSC Abstract – Epigenome-wide mapping of histone modification landscape in human pulmonary arterial hypertension**  
Prakash Chelladurai, Swati Dabral, Carsten Kühnne, Shobha Rani Basineni, Mario Schmoranzler, Christine Weber, René Reiner Nötzold, Florian Finkernagel, Mario Looso, Werner Seeger, Uta-Maria Bauer, Soni Savai Pullamsetti, Speaker to be confirmed
- 09:30 Determining genomic rearrangements in clinical lung specimens for assessment of metastatic disease, actionable targets and disease monitoring**  
Stephen Murphy, Faye Harris, Giannoula Karagouga, Dennis Wigle, George Vasmatazis, Marie Christine Aubry, Speaker to be confirmed
- 09:45 Quantitative detection of ALK rearrangements using droplet digital PCR (ddPCR) in liquid biopsies of patients with non-small cell lung cancer (NSCLC)**  
Aurélien Swalduz, Laurent Alberti, Valérie Combaret, Sandra Ortiz Cuaran, Sylvie Lantujoul, Juliette Roussel, Agnès Lancon, Séverine Martinez, Véronique Haddad, Dominique Arpin, Jaouali Zouheir, Maurice Pérol, Pierre Saintigny, Speaker to be confirmed
- 10:00 LSC Abstract – Host-environmental IL-1b drives mutant KRAS-IKKa addiction in malignant pleural effusion**  
Antonia Marazioti, Malamati Vreka, Anastasios Giannou, Nikolaos Kanellakis, Magda Spella, Theodora Agalioti, Ioanna Giopanou, Georgios Stathopoulos, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: Cardiovascular and metabolic pathophysiology and outcome of obstructive sleep apnoea

Chairs :

- 08:30** **JAG1 gene polymorphism is related to systemic blood pressure in patients with obstructive sleep apnoea**  
Ivana Paranicová, Viera Habalova, Pavol Joppa, Lucia Klimcakova, Ivana Trojova, Jozef Zidzik, Ivan Tkac, Ruzena Tkacova, Speaker to be confirmed
- 08:45** **Leptin signals in the carotid body to up-regulate the hypoxic chemoreflex and induce hypertension**  
Vsevolod Y. Polotsky, Mi-kyung Shin, Candela Caballero, Machiko Shirahata, Wan-Yee Tang, James Sham, Speaker to be confirmed
- 09:00** **Is IGF-1 a marker of cardio-metabolic risk in sleep apnea syndrome (SAS)?**  
Louis-Marie Galerneau, Jean-Louis Pépin, Anne-Laure Borel, Olivier Chabre, Marc Sapene, Bruno Stach, Janie Girey-Rannaud, Renaud Tamisier, Philippe Caron, Speaker to be confirmed
- 09:15** **Arterial stiffness in obstructive sleep apnea: An individual meta-analysis of contributing factors**  
Renaud Tamisier, Jean Christian Borel, Sandrine Millasseau, Louis Marie Galerneau, Marie Destors, Marion Perrin, Jean Louis Pépin, Speaker to be confirmed
- 09:30** **Longitudinal association between sleep disordered breathing and peripheral artery disease in the Wisconsin sleep cohort**  
Javier Nieto, Jodi Barnett, Erika Hagen, Amanda Rasmuson, Paul Peppard, Speaker to be confirmed
- 09:45** **Effect of continuous positive airway pressure on blood pressure and the metabolic profile of women with obstructive sleep apnoea. A randomized-controlled trial**  
Francisco Campos-Rodriguez, Nuria Reyes-Núñez, Jose Cordero-Guevara, Monica Gonzalez-Martinez, Carmen Carmona-Bernal, Bernabe Jurado-Gamez, Fernanda Troncoso-Acevedo, Araceli Araceli Abad-Fernandez, Joaquin Teran-Santos, Julian Caballero-Rodriguez, Mercedes Martin-Romero, Ana Encabo-Motiño, Miguel A. Martinez-Garcia, Lirios Sacristan-Bou, Javier Navarro-Esteva, Maria Somoza-Gonzalez, Fernando Masa, Maria A. Sanchez-Quiroga, Beatriz Jara-Chinarro, Belen Orosa-Bertol, Felix del Campo-Matias, Speaker to be confirmed
- 10:00** **Effect of positive airway pressure on diastolic function in coronary artery disease patients with non-sleepy obstructive sleep apnea**  
Yüksel Peker, Helena Glantz, Erik Thunström, Cecilia Wallentin Guron, Harun Uzel, Mustafa Saygin, Johan Herlitz, Magnus Johansson, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Asthma: from basic mechanisms to novel therapeutic perspectives**

Chairs :

- 08:30** **The TRPV4 ion channel plays a key role in allergic asthma**  
Mark Birrell, Sara J. Bonvini, Katie E. Baker, Bilel Dekkak, Montse Miralpeix, Gema Tarrason, Maria G. Belvisi, Speaker to be confirmed
- 08:45** **Cluster analysis on longitudinal data of patients with adult-onset asthma**  
Pinja Ilmarinen, Leena E. Tuomisto, Onni Niemelä, Minna Tommola, Jussi Haanpää, Hannu Kankaanranta, Speaker to be confirmed
- 09:00** **Long-term effects of bronchial thermoplasty on airway smooth muscle and collagen deposition in severe asthma**  
Jamila Chakir, Ikhlass Haj Salem, Louis-Philippe Boulet, Sabrina Biardel, Noel Lampron, Simon Martel, Michel Laviolette, Speaker to be confirmed
- 09:15** **Use of  $\beta$ -blockers and the risk of asthma exacerbations**  
Katia M.C. Verhamme, Ulrike Goditiabois, Marjolein Engelkes, Miriam Sturkenboom, Bruno Stricker, Guy Brusselle, Speaker to be confirmed
- 09:30** **Dipeptidyl peptidase-4 (DPP-4) may predict response to tralokinumab in patients with asthma**  
Koustubh Ranade, Michael Kuziora, Tuyet-Hang Pham, Gautam Damera, Philip Z. Brohawn, Fernanda Pilataxi, Katie Streicher, Scott Martinez, Inna Vainshtein, Meina Liang, Dewei She, Edward Piper, Christopher E. Brightling, Richard Martin, Speaker to be confirmed
- 09:45** **Reslizumab (RES) in patients (pts) with inadequately controlled asthma and elevated blood eosinophils (EOS): Analysis of two phase 3, placebo-controlled trials**  
Johann Christian Virchow, James Zangrilli, Sivan Weiss, Stephanie Korn, Speaker to be confirmed
- 10:00** **Dupilumab reduces severe exacerbations in periostin-high and periostin-low asthma patients**  
Sally Wenzel, Brian Swanson, Ariel Teper, Jennifer Hamilton, Kenji Izuhara, Shoichiro Ohta, Junya Ono, Hongjie Zhu, Bingzhi Zhang, Heribert Staudinger, Neil M.H. Graham, Gianluca Pirozzi, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Clinical and microbiological aspects of infections in COPD patients**

Chairs :

- 08:30** **Airway glucose in COPD exacerbations**  
Jessica Webber, John Tregonning, Maria-Belen Trujillo-Torralbo, Maria Calderazzo, Richard Hewitt, Hugo Farne, Joseph Footitt, Phillip Molyneaux, Sebastian Johnston, Patrick Mallia, Speaker to be confirmed
- 
- 08:45** **Can neutrophil to lymphocyte ratio be used as infection marker in COPD patients with chronic respiratory failure**  
Eylem Acarturk Tuncay, Emine Aksoy, Cuneyt Salturk, Sinem Gungor, Nezihe Ciftaslan Goksenoglu, Dilek Yavuz, Ozlem Yazicioglu Mocin, Gokay Gungor, Nalan Adiguzel, Zuhul Karakurt, Speaker to be confirmed
- 
- 09:00** **High summer temperatures induce more admissions due to AECOPD in urban hospitals**  
Jana Bahati Heinsohn, Melissa Jehn, Vanessa Dostal, Marc Hanisch, André Jean Schubert, Wulf Pankow, Christian Witt, Speaker to be confirmed
- 
- 09:15** **Profiling the COPD airway microbiome using quantitative culture and 16S rRNA gene sequencing**  
Simon Brill, Phillip James, Leah Cuthbertson, Michael Cox, William Cookson, Jadwiga Wedzicha, Miriam Moffatt, Speaker to be confirmed
- 
- 09:30** **Quantitative analysis of potentially pathogenic microbes (PPMs) in the induced sputum of non-smoker COPD (NS-COPD) subjects**  
Baisakhi Ghosh, Amit Agarwal, Akshay Gaike, Shrikant Bhute, Shreyas Kumbhare, Kanchan Pyasi, Bill Brashier, Yogesh Shauche, Sundeep Salvi, Peter Barnes, Louise Donnelly, Speaker to be confirmed
- 
- 09:45** **Bacterial infection in hospitalized patients of acute exacerbation of COPD and their relation to lung function: A prospective study**  
Ashok Kuwal, Vinod Joshi, Speaker to be confirmed
- 
- 10:00** **Specific immune response against pseudomonas aeruginosa and haemophilus influenzae in severe COPD**  
Laura Millares Costas, Sara Martí , Carmen Ardanuy, Josefina Liñ ares, Salud Santos, Jordi Dorca, Marian Garcia, Eduard Monsó , Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Lung cancer immunology: latest research**

Chairs :

- 08:30** **LSC Abstract – Transcriptomic profiling of macrophages isolated from human non-small cell lung carcinoma (NSCLC) reveals novel macrophage subsets with distinct tumour response features**  
Eva Maria Garrido-Martin, Rocio Martinez-Nunez, Toby Mellows, Christian H. Ottensmeier, Pandurangan Vijayanand, Tilman Sanchez-Elsner, Speaker to be confirmed
- 
- 08:45** **Regulatory vs. cytotoxic cells in lymph nodes of lung cancer patients resected by TEMLA**  
Joanna Domagala-Kulawik, Iwona Osinska, Dominika Wolosz, Monika Pasieka-Lis, Juliusz Pankowski, Speaker to be confirmed
- 
- 09:00** **Microscopic vessel invasion and visceral pleural invasion are correlated with EMT, cancer stemness and resistance to therapy in lung adenocarcinoma**  
Shinya Neri, Toshi Menju, Akihiko Yoshizawa, Terumasa Sowa, Hideki Motoyama, Kyoko Hijiya, Toyofumi Chen-Yoshikawa, Akihiro Aoyama, Toshihiko Sato, Makoto Sonobe, Hiroshi Date, Speaker to be confirmed
- 
- 09:15** **A high-throughput RNAi screen for detection of immune-checkpoint molecules that mediated to cytotoxic T lymphocytes in lung cancer**  
Mian Xie, Yinyin Gu, Ming Liu, Jiexia Zhang, Speaker to be confirmed
- 
- 09:30** **The prognostic influence of tumor infiltrating M1 and M2 phenotype macrophages in resected non-small cell lung cancer**  
Jurgita Jackute, Marius Zemaitis, Darius Pranyas, Brigita Sitkauskiene, Skaidrius Miliuskas, Raimundas Sakalauskas, Speaker to be confirmed
- 
- 09:45** **Vertebral <sup>18</sup>F-FLT uptake predicts hematological toxicity after systemic chemotherapy in patients with lung cancer**  
Yukihiro Umeda, Miwa Morikawa, Masaki Anzai, Shingo Ameshima, Maiko Kadowaki, Chisato Honjo, Hiroyuki Sakai, Tomoaki Sonoda, Akihiro Shimada, Tetsuya Tsujikawa, Yasushi Kiyono, Hidehiko Okazawa, Tamotsu Ishizuka, Speaker to be confirmed

10:45 - 12:45

**Symposium: Respiratory syncytial virus: new therapies, but what impact?**

**Aims :** The aims of this session are to help the audience understand the scale and impact of respiratory syncytial virus (RSV) infection in developed and developing nations; describe the many Phase I and II trials that are currently testing strategies for treating and preventing RSV; and debate the potential impact that such therapies may have on future respiratory health.

**Track(s) :** Paediatric**Tag(s) :** Clinical**Chairs :** Jonathan Grigg (London, United Kingdom), Nicolas Regamey (Lucerne, Switzerland)**10:45      Global scale and impact of RSV infection****11:15      Matching RSV treatments and vaccines to target groups**  
Peter Openshaw (London, United Kingdom)**11:45      Reducing RSV infection will have a significant impact on future respiratory health: pro**  
Louis Bont (Utrecht, Netherlands)**12:15      Reducing RSV infection will have a significant impact on future respiratory health: con**  
Hans Bisgaard (Copenhagen, Denmark)

10:45 - 12:45

**Symposium: Influenza and respiratory physicians****A joint ERS/ESWI symposium**

**Aims :** The aims of this session are to describe the epidemiology of influenza infection; examine the factors that increase the risk of influenza infection; and discuss new and potential future therapies.

**Track(s) :** Epidemiology / Environment Infection**Tag(s) :** Translational**Chairs :** Gernot G.U. Rohde (Maastricht, Netherlands), Susanne Herold (Giessen, Germany)**10:45      Epidemiology of flu in the last decade: trends and fears**  
Albert Osterhaus (Hannover, Germany), Speaker to be confirmed**11:15      Protecting high-risk individuals against flu**  
Janet McElhaney (Farmington, United States of America)**11:45      Management of the critically-ill influenza patient**  
Jean-Louis Vincent (Brussels, Belgium), Speaker to be confirmed**12:15      Who gets severe influenza, and why**  
Peter Openshaw (London, United Kingdom)

10:45 - 12:45

**Symposium: Molecular footprints in lung cancer diagnosis and management**

**Aims :** To examine the evidence behind current perceptions of molecular biomarkers, genetics, and genomics in thoracic oncology; to provide an overview of the cutting-edge research in terms of lung cancer treatment.

**Track(s) :** Oncology**Tag(s) :** Translational**Chairs :** Jean-Paul Sculier (Brussels, Belgium), Chair to be confirmed**10:45      Molecular predictors of disease progression: have we made any progress?**  
Torsten Gerriet Blum (Berlin, Germany)**11:15      Discovery of new drugs in thoracic oncology**  
Anne-Marie Dingemans (Maastricht, Netherlands)**11:45      Lung cancer: what are the genetic and genomic perspectives?**  
Kwun Fong (Brisbane, Australia), Speaker to be confirmed**12:15      Stem cells and lung cancer treatment: any hope?**  
Sam Janes (London, United Kingdom)



10:45 - 12:45

**Symposium: Chronic graft-versus-host disease and chronic allograft dysfunction after lung transplantation: similarities and dissimilarities**

**Aims :** The aim of the session is to explore the similarities between lung graft-versus-host disease (GVHD) and chronic lung allograft dysfunction (CLAD). The pathological clinical and therapeutic aspects will be detailed and compared, and common diagnostic and therapeutic strategies will be discussed.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :** Federica Meloni (Pavia, Italy), Geert Verleden (Leuven, Belgium)

**10:45**      **Obstructive pulmonary function defect in chronic GVHD and after lung transplantation: common mechanisms?**  
Speaker to be confirmed

**11:15**      **Restrictive pulmonary function defect in chronic GVHD and after lung transplantation: common mechanisms?**  
Anne Bergeron Lafaurie (Paris, France)

**11:45**      **Obstructive and restrictive pulmonary function defect after chronic GVHD and lung transplantation: a pathologist's view**  
Jan H. von der Thüsen (London, United Kingdom)

**12:15**      **Treatment options in chronic GVHD and CLAD post lung transplantation**  
Robin Vos (Leuven, Belgium)

10:45 - 12:45

**Hot topics: Pulmonary arterial hypertension: future therapeutic approaches preceded by Ceremony for the ERS Award for Lifetime Achievement in Pulmonary Arterial Hypertension**

**Aims :** In the last year, several very relevant scientific papers have appeared in high impact journals that have increased our understanding of pulmonary arterial hypertension. Through a review of their translational work, the authors of these papers will give an update on current insights into the pathophysiology and pathobiology of pulmonary arterial hypertension.

**Track(s) :** Physiology

**Tag(s) :** Translational

**Chairs :** Harm Jan H.J. Bogaard (Amsterdam, Netherlands), Jose Gomez-Arroyo (Baltimore, United States of America), Chair to be confirmed

**10:45**      **Ceremony for ERS Award for Lifetime Achievement in Pulmonary Arterial Hypertension**

**10:55**      **Introduction: overview of pathogenesis in pulmonary arterial hypertension**  
Harm Jan H.J. Bogaard (Amsterdam, Netherlands)

**11:17**      **Targeting BMPR-II in pulmonary arterial hypertension**  
Paul Upton (Cambridge, United Kingdom)

**11:39**      **Modulating the vascular response to chronic hypoxia**  
Zhao Lan (London, United Kingdom)

**12:01**      **The role of transcription factor in pulmonary hypertension**  
Soni Savai Pullamsetti (Bad Nauheim, Germany)

**12:23**      **Epigenetic modulation of right ventricular failure**  
Roxane Paulin (Quebec, Canada)

10:45 - 12:45

**Session: Working together to drive investment and innovation in asthma research an ERS/The European Asthma Research & Innovation Partnership (EARIP) joint session**

**Aims :** The aim of this session is to outline the state-of-the-art in current basic, clinical and translational asthma research, defining and driving the asthma research agenda in Europe.

**Tag(s) :** Clinical, Translational

**Target audience :** also open to all clinicians and healthcare managers who provide care of support services for people with asthma.

**Chairs :** Nikolaos G. Papadopoulos (Athens, Greece), Samantha Walker (London, United Kingdom)

- 10:45**      **Understanding asthma**  
Sebastian L. Johnston (London, United Kingdom)
- 
- 11:10**      **Phenotypic stratification of asthma**  
Sven-Erik Dahlén (Stockholm, Sweden)
- 
- 11:35**      **Diagnosis and monitoring**  
Luis Garcia-Marcos Alvarez (El Palmar (Murcia), Spain)
- 
- 12:00**      **The Asthma Roadmap (patient perspective)**  
Kjeld Hansen (Oslo, Norway)
- 
- 12:20**      **The asthma roadmap**  
Pippa Powell (Sheffield, United Kingdom)

## 10:45 - 12:45

**Session: State-of-the-art research techniques from Royal Brompton Hospital and Imperial College London II**

**Aims :** Find out how research is done and how techniques are applied to translational studies with video presentations and discussion with the researchers and clinical scientists. Each presentation (30 min) will cover the steps in research in a series of videos and slides, followed by Q&A session.

**Chairs :** Peter J. Barnes (London, United Kingdom)

- 10:45**      **Macrophages**  
Kylie Belchamber (London, United Kingdom)
- 
- 11:15**      **Alveolar cells**  
Andrew Thorley (London, United Kingdom)
- 
- 11:45**      **Nasoabsorption and bronchoabsorption**  
Trevor Hansel (London, United Kingdom)
- 
- 12:15**      **Ciliary dysfunction**  
Andrew Bush (London, United Kingdom)

## 10:45 - 12:45

**Session: ERS Statements and Technical Standards recent outcomes**

**Aims :** The aim of this session is to highlight the outcome of ERS Statement and Technical Standard documents recently developed by Task Forces.

**Tag(s) :** Clinical

**Target audience :** Clinician, General practitioner, Nurse, Fellow, Junior member, Lung function technician, Respiratory physician

**Chairs :** Marc Miravittles (Barcelona, Spain), Marc Humbert (Paris, France)

- 10:45**      **Update of ATS/ERS standardisation of the single breath uptake of CO in the lung**  
Speaker to be confirmed
- 
- 11:09**      **An official ERS Technical Standard: Exhaled biomarkers in lung disease**  
Gerald Zavorsky (Louisville, United States of America)
- 
- 11:33**      **An official ERS Technical Standard: Exhaled biomarkers in lung disease**  
Ildikó Horváth (Budapest, Hungary)

## 10:45 - 12:45

**Poster Discussion: Best abstracts in physical activity and telemedicine**

**Chairs :**

**Transportation period detection for physical activity monitoring using an inertial sensor on the lower-back**

Aki Kunikoshi, Martijn Niessen, Evert Pengel, Bas Huijben, Rob C. van Lummel, Speaker to be confirmed

**Physical activity heterogeneity in COPD; meaningful analysis of data**

Chris Newby, Karam Aboud, Bethan Barker, Maria Shelley, Karen Edwards, Leena George, Linzy Houchen-Wolloff, Chris Brightling, Sally Singh, Speaker to be confirmed

**Physical activity determinants in COPD patients in the community**

Maria Hernandez Bonaga, Fabricio Zambom Ferraresi, José Antonio Cascante Rodrigo, Javier Hueto Pérez de Heredia, Pilar Cebollero Rivas, Milagros Antón Olóriz, Speaker to be confirmed

**Predictors of physical activity in patients with idiopathic pulmonary fibrosis**

Kazuya Shingai, Hiroyuki Taniguchi, Fumiko Watanabe, Tomoya Ogawa, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Masashi Kanazaki, Shinichi Arizono, Speaker to be confirmed

**Aerobic interval training induces clinically meaningful effects in daily physical activity in COPD**

Zafeiris Louvaris, Stavroula Spetsioti, Eleni A. Kortianou, Maroula Vasilopoulou, Ioannis Nasis, George Kaltsakas, Nikolaos G. Kolouris, Ioannis Vogiatzis, Speaker to be confirmed

**Participation in physical activity during hospital and home-based pulmonary rehabilitation for people with COPD**

Aroub Lahham, Angela Burge, Christine McDonald, Ajay Mahal, Catherine Hill, Annemarie Lee, Rosemary Moore, Narelle Cox, Rebecca Ndong, Anne Holland, Speaker to be confirmed

**Maintaining an active lifestyle of patients with occupational lung diseases: A randomized controlled study**

Katrin Mueller, Nicola Kotschy-Lang, Petra Wagner, Speaker to be confirmed

**Purposeful physical activity in COPD patients comparing standard and web based pulmonary rehabilitation**

Amy Barnes, Chris Newby, Emma Chaplin, Linzy Houchen-Wolloff, Sally Singh, Speaker to be confirmed

**Relationships between balance and physical activity measured by an accelerometer in elderly COPD patients**

Masahiro Iwakura, Kazuki Okura, Atsuyoshi Kawagoshi, Kazuyuki Shiata, Masahiro Satake, Keiyu Sugawara, Hitomi Takahashi, Mitsunobu Homma, Takeshi Kashiwagura, Takano Shioya, Speaker to be confirmed

**Do pedometers maintain the benefits of pulmonary rehabilitation in COPD patients?**

Claire M. Nolan, Matthew Maddocks, Jane L. Canavan, Sarah E. Jones, Samantha S.C. Kon, Djeya Kaliaraju, Michael I. Polkey, William D.-C. Man, Speaker to be confirmed

**Evolution of automatic and controlled motivation toward physical activity and sedentary behaviors during pulmonary rehabilitation**

Chevance Guillaume, Nelly Heraud, Alain Varray, Julie Boiché, Speaker to be confirmed

**A lifestyle physical activity intervention is associated with fewer self-reported COPD-related hospitalizations**

David Coultas, Bradford Jackson, Minyong Uhm, Karan Singh, Sejong Bae, Speaker to be confirmed

**Impact of step exercises as an early intervention during COPD exacerbation**

Diego Augustin Rodriguez, Anna Rodo-Pin, Mónica Guerrero, Roser Coll, Arturo Huerta, Nestor Soler, Ester Marco, Cristina Estirado, Antoni Torres, Eduard Monsó, Joaquim Gea, Speaker to be confirmed

**Physical activity assisted by interactive video gaming as new treatment approaches in COPD rehabilitation of patients at home : Observance, satisfaction and impact on quality of life**

Tanguy Marqueste, Alizee Chapon, Florie Sibourd, Bruno Escarguel, Mathieu Larrousse, Louis Marqueste, Speaker to be confirmed

**Patient education with telephone follow-up for chronic obstructive pulmonary disease and essential hypertension**

Aida Imanalieva, Denis Vinnikov, Nurlan Brimkulov, Speaker to be confirmed

**An interactive web-based pulmonary rehabilitation programme: A randomised controlled feasibility trial**

Emma Chaplin, Stacey Hewitt, Lindsay Apps, Kelly Edwards, Chris Brough, Aga Glab, John Bankart, Ruth Jacob, Sally Schreder, Johanna Williams, Sally Singh, Speaker to be confirmed

**Telerehabilitation in people with chronic obstructive pulmonary disease (COPD): A randomised controlled trial**

Ling Ling Tsai, Renae McNamara, Chloe Moddel, David McKenzie, Jennifer Alison, Zoe McKeough, Speaker to be confirmed

**Exercise capacity and activity levels in people with COPD who experience exercise-induced oxygen desaturation**

Zoe McKeough, Regina Leung, Christine McDonald, Sue Jenkins, Anne Holland, Kylie Hill, Norman Morris, Catherine Hill, Annemarie Lee, Nola Cecins, Helen Seale, Lissa Spencer, Sally Wootton, Cindy Ng, Jennifer Alison, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Endosonography: EBUS/EUS (B)**

Chairs :

**Utility of EUS-B-FNA for the diagnosis of EBUS-TBNA inaccessible intrathoracic lesions**

Masahide Oki, Hideo Saka, Chiyo Kitagawa, Yoshihito Kogure, Saori Oka, Masashi Nakahata, Kazumi Hori, Yuko Ise, Yasushi Murakami, Speaker to be confirmed

**EUS-B-FNA vs EUS-FNA for left adrenal gland analysis in lung cancer patients**

Laurence M.M.J. Crombag, Artur Szlubowski, Jos Stigt, Olga Schuurbijs, Jouke Annema, Speaker to be confirmed

**Esophageal ultrasound (EUS) for mediastinal tumor invasion (T4) in NSCLC**

Jolanda C. Kuijvenhoven, Laurence Crombag, David Breen, Inge vd Berk, Willem-Jan van Boven, M.I.M. Versteegh, Jouke Annema, Speaker to be confirmed

**Combined endobronchial and endoscopic ultrasound-guided needle aspiration performed by single ultrasound bronchoscope vs routine videobronchoscopy for diagnosis of advanced lung cancer – A prospective study**

Ewa Pasko, Jolanta Serafin-Bromblik, Witold Piekorz, Maciej Chodorowski, Jerzy Kozielski, Joanna Wegrzyn, Juliusz Pankowski, Adam Cmiel, Jerzy Soja, Artur Szlubowski, Speaker to be confirmed

**Impact of anesthesia on cytology quality obtained during EBUS-TBNA, EUS-b-FNA or EUS-FNA in patients with mediastinal adenopathies**

Ilya Sivokozov, Irina Shabalina, Olga Lovacheva, Galina Evgushenko, Dmitry Dedushkin, Eduard Artemkin, Sergey Sokolov, Boris Lensky, Natalya Li, Svetlana Pavlova, Michail Burdyukov, Ilya Yurichev, Speaker to be confirmed

**A novel flexible 19G EBUS-TBNA needle: Absolute and relative performance in patients**

Anna Sczaniecka, Xavier Gonzalez, Lina Zuccatosta, Stefano Gasparini, Daniela Gompelmann, Felix Herth, Samuel Kemp, Pallav Shah, Maciej Gnass, Artur Szlubowski, Speaker to be confirmed

**The value of EBUS in the diagnosis of bronchi Dieulafoy's disease**

Weizhong Jin, Speaker to be confirmed

**A multimodal image guiding system for navigated endobronchial ultrasound (EBUS): Human pilot**

Hanne Sorger, Tore Amundsen, Erlend Fagertun Hofstad, Thomas Langø, Håkon Olav Leira, Speaker to be confirmed

**Molecular analysis of peripheral non-squamous non-small cell lung cancer sampled by radial EBUS**

Florian Guisier, Mathieu Salaiün, Samy Lachkar, Aude Lamy, Nicolas Piton, Bérengère Obstoy, Jean-Christophe Sabourin, Luc Thiberville, Speaker to be confirmed

**Myeloid antigen presenting cells in lung adenocarcinoma lymph nodes assessed by endobronchial ultrasound**

António Alexandre Pinto Bugalho de Almeida, Catarina Martins, Zélia Silva, Inês Ferreira, Paula Videira, Speaker to be confirmed

**Endobronchial ultrasound guided biopsy (EBUS-TBNA) for staging of patients with lung cancer without mediastinal involvement at positron emission tomography-computed tomography (PET-CT)**

Therese Maria Henriette Naur, Lars Konge, Paul Frost Clementsen, Speaker to be confirmed

**Does anthracotic pigments reported in EBUS-TBNA exclude lymph node metastasis?**

Serhat Erol, Onur Fevzi Erer, Ceyda Anar, Serir Aktogu, Zekiye Aydogdu, Speaker to be confirmed

**EBUS-TBNA in positron emission tomography (PET) positive mediastinal lymph nodes in previously radically treated malignancies**

Juliana Guarize, Elena Magni, Chiara Casadio, Stefano Donghi, Niccolò Filippi, Valeria Midolo, Monica Casiraghi, Francesco Petrella, Daniela Brambilla, Patrick Maisonneuve, Lorenzo Spaggiari, Speaker to be confirmed

**Impact of sedation type on diagnostic yield of EBUS-TBNA: General anesthesia vs moderate sedation**

Hatice Kaya, Tuncer Ozkisa, Ufuk Turhan, Mehmet Aydogan, Seyfettin Gumus, Omer Deniz, Ergun Tozkoparan, Speaker to be confirmed

**Endobronchial ultrasound elastography for the prediction of malignant intrathoracic lymph nodes during EBUS-TBNA**

Jiayuan Sun, Lei Wang, Xiaowei Mao, Xiaoxuan Zheng, Baohui Han, Speaker to be confirmed

**EBUS-STAT subscores analysis to assess the efficacy of virtual reality simulation for EBUS-TBNA training**

Simone Scarlata, Patrizio Palermo, Piero Candoli, Ariela Tofani, Tommasangelo Petitti, Lorenzo Corbetta, Speaker to be confirmed

**Features predicting malignancy in mediastinal lymph nodes by endobronchial ultrasound in Indian setting: Is it different?**

Jeenam Shah, Rajiv Goyal, Chetan Nemani, Kedar Hibare, Speaker to be confirmed

**Influence of the cell block in the diagnostic yield of sarcoidosis by sectorial endobronchial ultrasound**

Tara Pereiro Brea, Antonio Luis Golpe, Jose Manuel Alvarez-Doban o, Juan Suarez-Antelo, Lucia Ferreiro-Fernandez, Romina Abelleira-Paris, Vanessa Riveiro-Blanco, Nuria Rodriguez-Nuñez, Luis Valdes-Cuadrado, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: IPF: from pathogenesis to treatment II**

Chairs :

**Diagnosis, treatment and attitudes about idiopathic pulmonary fibrosis in Latin American physicians**

Ivan Cherrez Ojeda, Vincent Cottin, Juan Calderon, Erick Calero, Dayana Cabrera, Annia Cherrez, Jose Martin Vilema, Speaker to be confirmed

**Clinical experience with nintedanib for the treatment of IPF in 80 cases**

Maria Kontou, Velissaria Bousgou, Vasileios Tzilas, Evangelos Bouros, Stamatios Tshipilis, Anreas Granitsas, Evangelos Marozanes, George Dionelis, Nikolaos Koulouris, Demosthenes Bouros, Speaker to be confirmed

**The effect of pirfenidone on impaired lung function in patients with idiopathic pulmonary fibrosis (IPF) from Czech IPF registry**

Monika Zurková, Vítezslav Kolek, Vladimír Rašková, Eva Kriegová, Martina Šterclová, Vladimír Bartoš, Martina Doubková, Ilona Binková, Michal Svoboda, Jana Strenková, Martina Placková, Ladislav Lacina, Vladimír Rihak, František Petrík, Pavlína Lisá, Radka Bittenglová, Richard Tyl, Gustav Ondrejka, Hana Suldova, Jaroslav Lnenicka, Jana Pšikalová, Tomáš Snížek, Jirí Homolka, Renata Králová, Jan Kervitzer, Martina Vašková, Speaker to be confirmed

**Efficacy of pirfenidone in idiopathic pulmonary fibrosis: A single center experience**

Katleen Leceuvre, Els De Dycker, Tom Moerman, Jonas Yserbyt, Wim Wuyts, Speaker to be confirmed

**Long-term safety of combination therapy with nintedanib and pirfenidone in Japanese patients with IPF**

Hiroyuki Taniguchi, Takashi Ogura, Yoshikazu Inoue, Manabu Akimoto, Arata Azuma, Speaker to be confirmed

**Nintedanib for idiopathic pulmonary fibrosis (IPF): Data from the German compassionate use program (CUP)**

Francesco Bonella, Michael Kreuter, Lars Hagmeyer, Claus Neurohr, Claus Keller, Martin J. Kohlhöf, Joachim Müller-Quernheim, Katrin Milger, Antje Prasse, Speaker to be confirmed

**Effect of pirfenidone on IPF progression**

Diana Radicella, Ginevra Del Giudice, Assunta Micco, Mariano Mazza, Mario Del Donno, Speaker to be confirmed

**Efficacy and safety of nintedanib in advanced idiopathic pulmonary fibrosis**

Sojung Park, Jisun Lee, Dong Soon Kim, Jin Woo Song, Speaker to be confirmed

**Real life experience with nintedanib in patients with idiopathic pulmonary fibrosis**

Eva Brunnemer, Svenja Ehlers-Tenenbaum, Calus Peter Heussel, Arne Warth, Felix Herth, Michael Kreuter, Speaker to be confirmed

**MiR-185/AKT and miR-29a/collagen 1a pathways are activated in IPF alveolar macrophages**

Eliza Tsitoura, Athol U. Wells, Chara Koutoulaki, Konstantinos Karagiannis, Ismini Lasithiotaki, Eirini Vasarmidi, Hiroe Sato, Demetrios A. Spandidos, Nikolaos M. Sifakas, Georgios Sourvinos, Katerina Antoniou, Speaker to be confirmed

**Treg depletion reduces bleomycin-induced pulmonary fibrosis by inducing Th17 and other CD4+T cell subset responses in lung**

Kaustav Chakraborty, Arindam Bhattacharyya, Speaker to be confirmed

**Serum KL-6 as a multidimensional biomarker in patients with idiopathic pulmonary fibrosis**

Hiroyuki Taniguchi, Yasuhiro Kondoh, Taiki Furukawa, Tomoki Kimura, Kensuke Kataoka, Takeshi Johkoh, Junya Fukuoka, Keiko Hasegawa, Speaker to be confirmed

**Is toll like receptor 4 a common pathway hypothesis for development of lung cancer and idiopathic pulmonary fibrosis?**

Radwa Elhefny, Sabah Ahmed, Marwa Moawad, Mona Abdullatif, Speaker to be confirmed

**Volumetric CT analysis of normal lung as a predictor of mortality in idiopathic pulmonary fibrosis**

Hirotugu Ohkubo, Mitsuaki Yagi, Yasuhiro Kondoh, Takeshi Johkoh, Hiroaki Arakawa, Akio Niimi, Hiroyuki Taniguchi, Speaker to be confirmed

**First insights from the BTS idiopathic pulmonary fibrosis (IPF) registry**

Monica Spiteri, William Chang, Nazia Chaudhuri, Robina K. Coker, Sue Copley, Owen Dempsey, Ian Forrest, Michael Gibbons, Ling-Pei Ho, Toby M. Maher, Helen Parfrey, Luca Richeldi, Lisa Spencer, Speaker to be confirmed

**Disease progression in early idiopathic pulmonary fibrosis: Insights from the Australian IPF registry**

Helen Jo, Ian Glaspole, Yuben Moodley, Sally Chapman, Wendy Cooper, Samantha Ellis, Nicole Goh, Peter Hopkins, Greg Keir, Annabelle Mahar, Paul Reynolds, Haydn Walters, Christopher Zappala, Christopher Grainge, Heather Allan, Tamera Corte, Speaker to be confirmed

**Survival from acute exacerbation of idiopathic pulmonary fibrosis with or without direct hemoperfusion with polymyxin B-immobilized fiber column: A retrospective analysis**

Keiji Oishi, Keisuke Aoe, Yusuke Mimura, Yoriyuki Murata, Kenji Sakamoto, Wataru Koutoku, Tsuneo Matsumoto, Hiroshi Ueoka, Kazuto Mastunaga, Masafumi Yano, Speaker to be confirmed

**A supportive care decision aid tool for idiopathic pulmonary fibrosis**

Charles Sharp, Adrienne Edwards, Heather Lamb, Sorayya Alam, Nikki Jordan, Rachel Gunary, Patricia Meek, Ann Millar, Clare Kendall, Huzaifa Adamali, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Effects of hypoxia and sleep apnoea on lung, heart and vessels****Chairs :****The association between hypertension and neutrophil to lymphocyte ratio in patients with obstructive sleep apnea syndrome**

Özlem Erçelen Diken, Mesut Arslan, Hülya Deniz, Onur Hanedan, Speaker to be confirmed

**Effects of normoxic recovery on intermittent hypoxia-induced changes of microbiome in a mouse model of OSA**

Isabel Moreno-Indias, Marta Torres, Lidia Sanchez-Alcoholado, Fernando Cardona, Josep Maria Montserrat, Maria I Queipo-Ortuño, Ramon Farre, Isaac Almendros, Speaker to be confirmed

**Hypoxic and non-hypoxic obstructive sleep disordered breathing. Effect on cytotoxic lymphocytes and metabolic parameters**

Richard Staats, Rachel Rodrigues, Margarida Aguiar, Dina Fernandes, Susana Moreira, João Valença, Pinto Paula, Bugalho António, Bárbara Cristina, Luis Moita, Speaker to be confirmed

**Deleterious effects of intermittent hypoxia on lung tissue**

Izabela Tuleta, Carmen Pizarro, Georg Nickenig, Uwe Juergens, Dirk Skowasch, Speaker to be confirmed

**Overnight urinary isoprostane levels during CPAP withdrawal as a marker of oxidative stress**

Christopher Turnbull, Ioannis Akoumianakis, Malcolm Kohler, Charalambos Antoniadis, John Stradling, Speaker to be confirmed

**8-isoprostanes and resistin as markers of vascular damage in non-hypersomnolent obstructive sleep apnea patients**

Radostina Cherneva, Zheina Cherneva, Julia Petrova, Daniela Petrova, Ognian Georgiev, Speaker to be confirmed

**Independent associations between arterial bicarbonate, apnea severity and hypertension in a sleep apnea cohort**

Davoud Eskandari, Ding Zou, Ludger Grote, Hartmut Schneider, Thomas Penzel, Jan Hedner, Speaker to be confirmed

**Progression of subclinical atherosclerosis in obstructive sleep apnoea (OSA)**

Dinora Polanco Alonso, María Teresa Martínez Carpi, Victoria Gil Gómez, Pablo Cubero Martínez, Marta Forner Vicente, Ana Lilian Simón Robles, Clara Viñado Mañé, Ana Lucía Figueredo Cacacho, Erica León Subías, Sara Gómez de la Cal, Santiago Carrizo Sierra, Salvador Bello Dronda, José María Martínez Trigo, Speaker to be confirmed

**Sleep apnea during REM-sleep is associated with early signs of atherosclerosis**

Mirjam Ljunggren, Eva Lindberg, Karl Franklin, Marita Larsson, Tord Naessen, Speaker to be confirmed

**Blood pressure behavior in OSAS patients before and during CPAP determined by a continuously measuring cuff less method**

Gert Küchler, Jennifer Gehring, Andreas Patzak, Speaker to be confirmed

**Effect of central sleep apnoea on severity and short-term prognosis of acute coronary syndrome**

Estefania Galera Lozano, Marina Florés, Jordi De Batlle, Alicia Sánchez-de-la-Torre, Manuel Sánchez-de-la-Torre, Josep Maria Montserrat, Ferran Barbé, Speaker to be confirmed

**Timely association between obstructive sleep apnea (OSA) and cardiovascular outcome after first acute myocardial infarction (AMI): A national wide population-based study**

Ming-Tzer Lin, Chi-Ling Chen, Pei-Lin Lee, Chi-Tai Fang, Speaker to be confirmed

**Obstructive sleep apnea and cardiovascular risk markers in community individuals- Results from the sleep apnea and vascular evaluation (SAVE) study**

Vanesa Loh, Yan Yi Cheung, Siew Pang Chan, See Meng Khoo, Chi-Hang Lee, Vanesa Loh, Speaker to be confirmed

**Protective cardiovascular effect of sleep apnea severity in obesity hypoventilation syndrome**

Juan Fernando Masa Jiménez, M.-Ángeles Sánchez-Quiroga, Jaime Corral, Auxiliadora Romero, Candela Caballero, Joaquín Terán-Santos, María L. Alonso-Álvarez, Teresa Gomez-Garcia, Mónica González, Soledad López-Martínez, Pilar De Lucas, José M. Marin, Sergi Martí, Trinidad Díez-Cambriales, Eusebi Chiner, Erika Miranda, Carlos Egea, Ana Obeso, Babak Mokhlesi, Speaker to be confirmed

**The effects of CPAP withdrawal in patients with OSA on hypoxia-induced markers**

Christopher Turnbull, Peter Santer, Esther Schwarz, Valentina Rossi, Malcolm Kohler, John Stradling, Nayia Petousi, Speaker to be confirmed

**Long-term effects of CPAP on blood pressure in non-resistant hypertensive patients with obstructive sleep apnea: A 30 month prospective study**

Oana Claudia Deleanu, Corina Ioana Oprea, Andra Elena Malaut, Ana Maria Zaharie, Miruna Mihaela Micheu, Natalia Patrascu, Florin Dumitru Mihaltan, Speaker to be confirmed

**Adaptive servo-ventilation for central sleep apnea in systolic heart failure does not improve muscle sympathetic nerve activity: A SERVE-HF substudy**

Renaud Tamisier, Jean-Louis Pépin, Muriel Salvat, Holger Woehrle, Gilles Barone-Rochette, Céleste Rocca, Helmut Teschler, Martin R. Cowie, Patrick Levy, Speaker to be confirmed

**ServeHF in real life**

Natascha Troester, Michael Palfner, Christoph Wohlkoenig, Martin Trinker, Markus Dominco, Alexander Avian, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Electronic cigarette**

Chairs :

**Exposure to e-cigarette advertising in the European Union**

Filippos T. Filippidis, Constantine Vardavas, Speaker to be confirmed

**E-cigarette experimentation and support for tobacco control policies in the European Union**

Filippos T. Filippidis, Constantine Vardavas, Speaker to be confirmed

**A 2015 national survey of e-cigarette use among Irish youth**

Sheila Keogan, Keisha Taylor, Kate Babineau, Luke J. Clancy, Speaker to be confirmed

**Effect of E-cigarette vapour on susceptibility to S. pneumoniae infection**

Lisa Miyashita, Reetika Suri, Richard van Zyl-Smit, Jonathan Grigg, Speaker to be confirmed

**Vaped e-cigarette condensate is more cytotoxic than unvaped ECL on alveolar macrophages**

Aaron Scott, Sebastian Lugg, Kerrie Aldridge, Rachel Dancer, Davinder Dosanjh, David Thickett, Speaker to be confirmed

**Toxicological and inflammatory effects of electronic cigarette extracts using in vitro and ex vivo lung models**

Greg Rankin, Håkan Wingfors, Barbro Ekstrand-Hammarström, Magnus Lundbäck, Jenny Bosson, Speaker to be confirmed

**Heterogeneity in the measurement and reporting of outcomes in studies of electronic cigarette use in adolescents, a systematic analysis of observational studies**

Carlos Echevarria, Ian Sinha, Speaker to be confirmed

**Electronic cigarette: Friend or foe?**

Radwa Elhefny, Mohamed Amin, Assem Elessawy, Esam Esam Gad El-Rab, Speaker to be confirmed

**Nicotine dosage in e-liquide use by Parisian schoolchildren?**

Bertrand Dautzenberg, Pierre Birkui, Nicole Rieu, Marie-Dominique Dautzenberg, Speaker to be confirmed

**Prevalence and perception of electronic cigarette (e-cigarette) use in an Irish cohort**

Darragh Enright, Nicola J. Ronan, Bernadette Bowen, Mary Daly, Claire Fleming, Joseph A. Eustace, Desmond M. Murphy, Marcus P. Kennedy, Michael T. Henry, Barry J. Plant, Speaker to be confirmed

**Perceptions and use of electronic cigarette in adult smokers followed in a specialized smoking cessation clinic**

Jose Pedro Boleo-Tome, Telma Sequeira, Susana Amorim, Susana Beirã o, Carla Simã o, Carolina Sousa, Luciana Bento, Cecí lia Pardal, Speaker to be confirmed

**Knowledge, attitude and perception regarding e-cigarette among post graduate medical trainees in Pakistan**

Shaista Ghazal, Saima Akhter, Hafsa Waqar Aziz, Usman Ali Warraich, Wasib Hussain Shah, Ujala Javed, Imad Ud Deen, Speaker to be confirmed

**Content analysis of electronic cigarette web sites in Turkey**

Murat Gü ner, Elif Dagli, Pinar Ay, Fusun Yildiz, Osman Elbek, Speaker to be confirmed

**Knowledge and use of e-cigarette among nursing students in North-Eastern Italy**

Silvia Vincenzi, Federica Canzan, Oliva Marognolli, Eliana Finocchio, Anna Brugnolli, Alex Tchepnou Kouaya, Albino Poli, Giuseppe Verlatto, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Active and latent tuberculosis: biomarkers****Chairs :****Impact of pulmonary tuberculosis sequelae on functional status**

Laxman kumar Soni, Hemant Borana, Gopal Purohit, C.R. Choudhary, Isha Garg, Srikant Agarwal, Lalit Kumar Sharma, U. Narendra, Speaker to be confirmed

**Tuberculosis in renal transplant recipients on isoniazid prophylaxis**

Sohail Akhtar, Asma Naseem, Sunil Dodani, Rubina Naqvi, Ejaz Ahmad, Anwar Naqvi, Adib Rizvi, Speaker to be confirmed

**The value of interferon-gamma releasing assays (IGRA) determining latent tuberculosis infection in renal transplant candidates**

Balam Er Dedekarginoglu, Fusun Eyuboglu, Ozlem Salman Sever, Aydinca Akdur, Mehmet Haberal, Speaker to be confirmed

**Estimated number of child household contacts eligible for latent tuberculosis treatment**

Yohhei Hamada, Philippe Glaziou, Charalambos Sismanidis, Haileyesus Getahun, Speaker to be confirmed

**Latent TB in healthcare workers from high prevalence countries at city hospital Sunderland foundation trust (CHSFT); epidemiology and management**

Mohammed Hashim, Stephen Murphy, Sharon Stothard, Speaker to be confirmed

**Cohort analysis of a large community-based latent tuberculosis screening and treatment programme in a high incidence setting in East London**

Matthew Burman, Miranda Loutet, Duncan Trathan, Susan Dart, Nivenka Jayasekera, Simon Tiberi, Heinke Kunst, Dominik Zenner, Speaker to be confirmed

**Russian-language e-learning and decision-support app for mobile devices on tuberculosis and lung health for primary care workers in Belarus**

Valiantsin Rusovich, Hennadz Hurevich, Liudmila Zhylevich, Dennis Falzon, Pierpaolo de Colombani, Andrei Dadu, Masoud Dara, Elena Davidovskaya, Pascal Kurosinski, Alena Skrahina, Speaker to be confirmed

**Role of EBUS-guided TBNA in CT reported isolated tubercular mediastinal lymphadenopathy**

Bharat Gopal, Speaker to be confirmed

**Impact of ART on CD4<sup>+</sup>/CD8<sup>+</sup> T-cell-specific response to copathogens in HIV-TB patients**

Teresa Chiacchio, Elisa Petruccioli, Valentina Vanini, Gilda Cuzzi, Carmela Pinnetti, Alessandro Sampaolesi, Andrea Antinori, Fabrizio Palmieri, Enrico Girardi, Delia Goletti, Speaker to be confirmed



**Comparison of the accuracy of QuantiFERON TB gold in tube vs QuantiFERON-TB plus**

Valentina Vanini, Elisa Petruccioli, Fabrizio Palmieri, Daniela Cirillo, Gilda Cuzzi, Giovan Battista Migliori, Delia Goletti, Enrico Girardi, Speaker to be confirmed

**Utility of mycobacterium tuberculosis Rv0081-specific host gene expression to distinguish latent infection from active tuberculosis disease**

Ilana van Rensburg, Andre Loxton, Speaker to be confirmed

**Flow cytometric immune profiling in infliximab-associated tuberculosis**

Humberto Sasieta, Tobias Peikert, Virginia Van Keulen, Courtney Erskine, Mikayla Austin, Kelly Pennington, Harika Dasari, Patricio Escalante, Speaker to be confirmed

**A combinatorial dual-immunoassay predicts reactivation risk for patients with previously incomplete treatment for latent tuberculosis infection**

Patricio Escalante, Tobias Peikert, Humberto Sasieta, Virginia Van Keulen, Courtney Erskine, Mikayla Austin, Harika Dasari, Adam Schrum, Andrew Limper, Speaker to be confirmed

**Vitamin D supplementation in health and latent tuberculosis promotes regulatory T cell expression**

Gemma Hawthorne, Zhang JinJin, David Thickett, Alice Turner, Speaker to be confirmed

**Correlation between vitamin D receptor polymorphism with clinical and nutritional status in intensive phase treatment of pulmonary tuberculosis**

Irawaty Djaharuddin, Speaker to be confirmed

**Evaluation of serum inflammatory biomarkers as predictors of treatment outcome in pulmonary tuberculosis**

Andrew Ritchie, Aran Singanayagam, Kavina Manalan, David Connell, James Chalmers, Saranya Sridhar, Ajit Lalvani, Melissa Wickremasinghe, Onn Min Kon, Speaker to be confirmed

**Identification of novel tuberculosis diagnostic biomarkers in plasma and saliva**

Ruschca Jacobs, Gerhard Walzl, Novel Chegou, Speaker to be confirmed

**Comparative analysis of the metabolic activity of vascular endothelium in patients with pulmonary tuberculosis combined with diabetes mellitus and without it**

Olga Koniaeva, Rizvan Abdullaev, Oksana Komissarova, Olga Berejnaya, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Management of asthma and COPD in primary care**

Chairs :

- 10:45** **COPD collaborative self-management in primary care: A randomized controlled trial**  
Christopher Liciskai, Madonna Ferrone, Natalie Malus, Larry Stitt, Tim O' Callahan, Zofe Roberts, Laura Johnson, Jim Samson, Lisa Durocher, Speaker to be confirmed
- 11:00** **Stability of the frequent exacerbator – A Danish nationwide register-based study**  
Mette Reilev, Jesper Lykkegaard, Anders Halling, Jørgen Vestbo, Jens Søndergaard, Anton Pottegård, Speaker to be confirmed
- 11:15** **Using the ADO score in primary care to target pulmonary rehabilitation to patients at high risk of hospital admission**  
Rachel Jordan, Andy Dickens, Alexandra Enocson, David Fitzmaurice, Ronan Ryan, Tom Marshall, Peymane Adab, Speaker to be confirmed
- 11:30** **The assessment of burden of COPD tool improves health related quality of life**  
Annerika Slok, Daniel Kotz, Gerard van Breukelen, Niels Chavannes, Maureen Rutten-van Mölken, Huib Kerstjens, Thys van der Molen, Guus Asijee, Richard Dekhuijzen, Sebastiaan Holverda, Philippe Salomé, Lucas Goossens, Hans In't Veen, Onno van Schayck, Speaker to be confirmed
- 11:45** **Educational inhaler technique interventions in asthma & COPD patients: A systematic review**  
Sven L. Klijn, Mickael Hiligsmann, Silvia M.A.A. Evers, Miguel Román-Rodríguez, Thys van der Molen, Job van Boven, Speaker to be confirmed
- 12:00** **Presentation to the emergency department by breathless patients: A qualitative study**  
Ann Hutchinson, Kathleen Galvin, Miriam Johnson, Speaker to be confirmed
- 12:15** **Smart phone-based auscultation platform**  
Daniel Chamberlain, Rahul Kodgule, Yogesh Thorat, Vandana Das, Vivek Miglani, Daniela Ganelin, Alpa Dalal, Tushar Sahasrabudhe, Ajay Lanjewar, Richard Fletcher, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Dyspnoea and respiratory muscle/mechanics anomalies in disease**

Chairs :

- 10:45 Ventilatory muscle strength and ultrasound evaluation of diaphragm in healthy subjects**  
Letícia Cardenas, Pauliane Santana, Renata Pletsch, Mayra Pereira, Vinicius Iamonti, Marcelo Macchione, Jeferson Ferreira, Pedro Caruso, Carlos Carvalho, Andre Albuquerque, Speaker to be confirmed
- 
- 11:00 Diaphragmatic dysfunction evaluated by ultrasound correlates with dyspnea, exercise and quality of life in interstitial lung disease**  
Pauliane Santana, Letícia Cardenas, Jeferson Ferreira, Vinicius Iamonti, Ozires Ramos, Thomas Jaeger, Andre Albuquerque, Carlos Carvalho, Pedro Caruso, Speaker to be confirmed
- 
- 11:15 Improvement in respiratory muscle O<sub>2</sub> delivery by Heliox or pure O<sub>2</sub> breathing is associated with reduced dyspnea sensations during exercise in COPD**  
Zafeiris Louvaris, Helmut Habazettl, Harrieth Wagner, Peter Wagner, Spyros Zakyntinos, Ioannis Vogiatzis, Speaker to be confirmed
- 
- 11:30 Influence of asthma and obesity on respiratory load perception in children**  
Victoria MacBean, Lorna Wheatley, Gerrard F. Rafferty, Speaker to be confirmed
- 
- 11:45 Dynamic hyperinflation during maximal voluntary ventilation in healthy subjects**  
Anneleen Peeters, Audrey Herpeux, Inge Muylle, Maria Gabrovska, Vincent Ninane, Speaker to be confirmed
- 
- 12:00 Effect of a new conical-PEP device on cardiopulmonary function during exercise in elderly**  
Chatchai Pimphasak, Chulee Jones, David Jones, Speaker to be confirmed
- 
- 12:15 The role of cardiopulmonary exercise testing in the diagnosis of psychogenic dyspnoea**  
Luiza Helena Degani Costa, Maira T. Rodrigues, Angelo X.C. Fonseca, Eloara V.M. Ferreira, Jaquelina Ota-Arakaki, Roberta P. Ramos, J. Aberto Neder, Luiz Eduardo Nery, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Clinical and molecular studies in asthma**

Chairs :

- 10:45 Prothrombotic alterations to blood coagulation and fibrinolysis in clinically stable asthma**  
Agnieszka Cybulska, Stanislaw Bazan-Socha, Lucyna Mastalerz, Lech Zareba, Romy Kremers, Michal Zabczyk, Grazyna Pulka, Teresa Iwaniec, Anetta Undas, Speaker to be confirmed
- 
- 11:00 Interleukin-33 and Th2 cytokines correlate in acute asthma**  
Nadia Nicholine Poulsen, Asger Bjerregaard, Siew-Kim Khoo, Ingrid A. Laing, Peter N. Le Souëf, Vibeke Backer, Lucy Barret, Phillip J. Thompson, Svetlana Baltic, Celeste Porsbjerg, Speaker to be confirmed
- 
- 11:15 A novel, automated periostin assay; correlation with a commercial ELISA method and usability as an asthma biomarker**  
Masayuki Takai, Junya Ono, Ayami Kamei, Hisako Matsumoto, Shoichiro Ohta, Kenji Izuhara, Speaker to be confirmed
- 
- 11:30 Efficacy and safety of fevipiprant (QAW039) in patients with atopic asthma uncontrolled on low-dose ICS therapy**  
Eric D. Bateman, Alfredo Guerrero, Florian Brockhaus, Bjoern Holzhauer, Abhijit Pethe, Richard Kay, Robert G. Townley, Speaker to be confirmed
- 
- 11:45 Crucial timing of a viral component exposure to exacerbate allergen-induced asthma**  
Shigeru Ashino, Keisuke Orimo, Kiyoshi Takeyama, Jun Tamaoki, Junji Yagi, Speaker to be confirmed
- 
- 12:00 The CysLT<sub>1</sub> receptor antagonist montelukast inhibits mast cell activation induced by inhaled leukotriene E<sub>4</sub> in subjects with asthma**  
Nikolaos Lazarinis, Johan Bood, Cristina Gomez, Johan Kolmert, Jesper Säfholm, Ann-Sofie Lantz, Elisabeth Henriksson, Craig Wheelock, Sven-Erik Dahlén, Barbro Dahlén, Speaker to be confirmed
- 
- 12:15 Serum IL-5 and IL-13 consistently serve as the best predictors for the blood eosinophilia phenotype in adult asthmatics**  
Ioana Agache, Daniel S. Strasser, Axel Klenk, Costel Agache, Hervé Farine, Cristina Ciobanu, Peter M.A. Groenen, Cezmi A. Akdis, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: COPD and asthma COPD overlap syndrome (ACOS): novelties of prevalence, risk factors and prognosis in COPD**

Chairs :

- 10:45** **Ischemic ECG changes are related to mortality among subjects with COPD**  
Ulf Nilsson, Berne Eriksson, Bengt Johansson, Anders Blomberg, Anne Lindberg, Speaker to be confirmed
- 
- 11:00** **Mortality associated with the type of heart failure in patients with chronic obstructive pulmonary disease**  
Brenda Santellano-Juárez, Dulce Gonzalez, Arturo Orea-Tejeda, Rafael Hernández-Zenteno, Rocío Sánchez-Santillán, Juan Pineda-Juárez, Viridiana Peláez-Hernández, Carlos Cíntora-Martínez, Raúl Herrera-Saucedo, Elisa Pérez-Cabañas, Edna Contreras-Ramírez, Ruth Pablo-Santiago, Raúl Sansores-Martínez, Alejandra Velázquez-Montero, Speaker to be confirmed
- 
- 11:15** **The characteristics of ACOS in a population based asthma cohort**  
Helena Backman, Sven-Arne Jansson, Hana Muellerova, Keele Wurst, Anne Lindberg, Eva Rönnmark, Speaker to be confirmed
- 
- 11:30** **Defining asthma COPD overlap syndrome (ACOS): A population based study**  
Tobias Bonten, Marise Kasteleyn, Renee de Mutsert, Pieter Hiemstra, Frits Rosendaal, Niels Chavannes, Christian Taube, Speaker to be confirmed
- 
- 11:45** **Prediction models for exacerbations in different COPD patient populations: Results of five large databases**  
Martine Hoogendoorn, Talitha Feenstra, Melinde Boland, Sixten Borg, Sven-Arne Jansson, Nancy Risebrough, Julia Slejko, Maureen Rutten-van Mölken, Speaker to be confirmed
- 
- 12:00** **The prevalence of moderate to severe COPD has decreased over 15 years in Northern Sweden**  
Helena Backman, Berne Eriksson, Eva Rönnmark, Linnea Hedman, Caroline Stridsman, Sven-Arne Jansson, Anne Lindberg, Bo Lundbäck, Speaker to be confirmed
- 
- 12:15** **Ninety seven independent genomic signals for lung function predict susceptibility to moderate to severe COPD**  
Ian P. Hall, Louise V. Wain, Nick Shrine, Boris Noyvert, Maria Soler Artigas, David P. Strachan, Martin D. Tobin, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Current challenges in thoracic surgery**

Chairs :

- 10:45** **The visibility of virtual-assisted lung mapping (VAL-MAP) on computed tomography for thoracoscopic lung tumor resection**  
Hiroshi Nakaoka, Atsushi Kitamura, Kohei Okafuji, Ryosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Naohiko Chohnabayashi, Ryo Wakejima, Fumitsugu Kojima, Toru Bando, Masaaki Sato, Speaker to be confirmed
- 
- 11:00** **The effect of iloprost on arterial oxygenation during one-lung ventilation**  
Wonjung Hwang, Joonpyo Jeon, Speaker to be confirmed
- 
- 11:15** **Ribcage kinematics during exercise justifies thoracoscopic over thoracotomy lobectomy prompt recovery**  
Antonella Lo Mauro, Alessandro Palleschi, Emilia Privitera, Melania Chiesa, Margherita Cattaneo, Martina Santambrogio, Mario Nosotti, Andrea Aliverti, Speaker to be confirmed
- 
- 11:30** **Radioguided VATS resections of subcentimetric solitary pulmonary nodule/ground glass opacity**  
Luca Bertolaccini, Andrea Viti, Matteo Salgarello, Giancarlo Gorgoni, Alberto Terzi, Speaker to be confirmed
- 
- 11:45** **Use of decellularized tracheas for airways engineering**  
Genaro Galan, Lara Milian, Carmen Carda, Ingrid Garzon, Giovanna Foschini, Manuel Mata, Speaker to be confirmed
- 
- 12:00** **Revision of descriptors in forthcoming VIII edition of TNM classification of lung cancer: A single center validation study**  
Luca Bertolaccini, Andrea Viti, Carlo Pomari, Luca Rosario Assante, Simona Paiano, Alberto Terzi, Speaker to be confirmed

**12:15 BODE Index before and after LVRS is associated with long term survival in a post-NETT cohort**  
William Bulman, Patricia Jellen, Beth Whippon, Cody Chiuzan, Yuan Zhang, Joshua Sonett, Mark Ginsburg, Byron Thomashow, William Bulman, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Dealing with complexity of critical ill patients**

**Chairs :**

**Validation of NUTRIC score in Asian intensive care unit population**

Amartya Mukhopadhyay, Jeya Henry, Venetia Ong, Claudia Leong Shu-Fen, Ai Ling Teh, Rob E. van Dam, Yanika Kowitlawakul, Speaker to be confirmed

**Exhaled air leakage during manual ventilation by healthcare workers with different levels of experience**

David Shu Cheong Hui, Benny Chow, Matthew Chan, Speaker to be confirmed

**Outcome and prevalence of sleep breathing disorders (SBD) after an acute exacerbation of obesity-hypoventilation syndrome AE/OHS**

Jihène Ayachi, Ahmed Khedher, Rahma Ben Jazia, Meddeb Khaoula, Aissa Sana, Ben Salem Halima, Gargouri Imen, Benzarti Mohamed, Boussarsar Mohamed, Ahmed Abdelghani, Speaker to be confirmed

**Level of adrenomedullin in cases with adrenal aefficiency and its relation to mortality in patients with sepsis**

Baran Balcan, Sehnaz Olgun, Turkay Akbas, Emel Eryuksel, Sait Karakurt, Speaker to be confirmed

**Risk factors for disseminated intravascular coagulation (DIC) in patients with lung cancer**

Kentaro Nakano, Kumiya Sugiyama, Takayoshi Fujimatsu, Naruo Yoshida, Ryosuke Souma, Masamitsu Tatewaki, Kenya Kohyama, Hirokuni Hirata, Yasutsugu Fukushima, Speaker to be confirmed

**Specific components of the inflammatory reflex: Heart rate variability and levels of interleukine 6 predict shock in critical ill patients**

Maria Jose Fernandez Sanchez, Alain Riveros Rivera, Oscar Sanabria, Speaker to be confirmed

**Impact of bloodstream infections on catheter colonization during extracorporeal membrane oxygenation**

Hyeju Yeo, Byun Ki Sup, Hyeon Seok Kim, Seong Hoon Yoon, Seung Eun Lee, Woo Hyun Cho, Doosoo Jeon, Yun Seong Kim, Speaker to be confirmed

**Dermato-pulmonary syndrome associated with MDA-5 antibodies**

Yurdagü I Uzunhan, Hilario Nunes, Gaëlle Leroux, Makoto Miyara, Olivier Benveniste, Yves Allenbach, Speaker to be confirmed

**COPD patients admitted in ICU for acute exacerbation: Impact of exacerbation factors on prognosis**

Amani Ben Mansour, Takoua Merhabene, Amira Jamoussi, Jalila Ben Khilil, Mohamed Besbes, Speaker to be confirmed

**Acute respiratory failure following neurotoxic snake bite - A study of 101 cases of neurotoxic snake bite from eastern India**

Pravat Thatoi, Ritesh Acharya, Ashish Malla, Speaker to be confirmed

**Low serum selenium levels in critically ill patients with respiratory diseases are associated with poor prognostic and nutritional factors: A prospective observational study**

Sang-Ha Kim, Myoung Kyu Lee, Won-Yeon Lee, Suk Joong Yong, Seok Jeong Lee, Speaker to be confirmed

**Clinical and microbiological characteristics and outcome of ARDS in India**

Jaimin Mansuriya, Rajesh Chawla, Ravi Shekhar Jha, Uday Aditya Gupta, Tarun Rao, Speaker to be confirmed

**Daytime activation of rapid response team might improve patient safety**

Jae Hwa Cho, Jeongsoo Kim, Jaeyeon Park, Speaker to be confirmed

**Management of acute exacerbations of obesity-hypoventilation syndrome (AE/OHS) : Toward an early goal-directed therapy algorithm**

Jihen Ayachi, Khedher Ahmed, Ben Jazia Rahma, Meddeb Khaoula, Bouneb Rania, Aissa Sana, Ben Salem Halima, Gargouri Imen, Benzarti Mohamed, Ahmed Abdelghani, Boussarsar Mohamed, Speaker to be confirmed

**Current practice in reducing perioperative and critical care pulmonary complications in obese patients: A review of London bariatric services**

Thomas Carter, Tim Knowles, Speaker to be confirmed

**Triage of national early warning score(NEWS) in Pulmonary Medicine Ward at Central Chest Institute of Thailand**

Kanlaya Panjapornpon, Chomnapa Kittisup, Rungsiya Paicharoen, Nutachavee Oksue, Chanakarn Taeviriyakul, Somkuan Thammanech, Speaker to be confirmed

**The impact of routine intensive care procedures on the endotracheal tube cuff pressure**

Gordana Pavlisa, Hrvoje Puretic, Ervin Zuljevic, Andrea Vukic Dugac, Ana Hecimovic, Marko Jakopovic, Miroslav Samarzija, Speaker to be confirmed

**Body mass index and pulmonary complications in critically ill black patients**

O' Dene Lewis, Yewande Odeyemi, Julius Ngwa, Alicia Thomas, Alem Mehari, Speaker to be confirmed

**Systemic, respiratory, and cardiovascular effects of occupational carbon monoxide poisoning (due to Soma mine disaster)**

Yavuz Havlucu, Fatma Evyapan, Peri Arbak, Ece Kaya, Taci Erdem, Ahmet Atalan, Mehmet Unal Demiray, Aysin Sakar Coskun, Arzu Yorgancioglu, Speaker to be confirmed

**Difficult to wean COPD patients may benefit from higher inspiratory pressure non invasive ventilation**

Yasser Noeman Ahmed, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: New horizons for noninvasive ventilation in acute and chronic setting**

Chairs :

**Evaluating the impact of patient-selected CPAP interface on the treatment of OSA**

Junyang Ken Goh, Rui Ya Soh, Leong Chai Leow, Cheah Hooi Ken Lee, Thun How Ong, Gan Liang Tan, Hong Juan Han, Song Tar Toh, Pei Rong Song, Speaker to be confirmed

**Is home mechanical ventilation really effective in patients with amyotrophic lateral sclerosis?**

Anda Hazenberg, Huib Kerstjens, Peter Wijkstra, Speaker to be confirmed

**The role of sedation in NIV**

Rachel Jones, Ari Manuel, Steve Twigg, Speaker to be confirmed

**Predictors of survival in severe COPD patients initiated on chronic NIV**

Tim Raveling, Peter Wijkstra, Gerrie Bladder, Jellie Nieuwenhuis, Marieke Duiverman, Speaker to be confirmed

**Noninvasive ventilation during percutaneous endoscopic gastrostomy in neuromuscular patients with severe ventilatory impairment**

Eva Padrã o, Mafalda Van Zeller, Tiago Pinto, Rosa Ramalho, Anabela Marinho, Filipa Pires, Guilherme Macedo, Miguel Gonç alves, Speaker to be confirmed

**Outcome of non-invasive ventilation for acute respiratory failure in very old vs. younger patients**

Adamantios Chloros, Varvara Ampelidou, Eva Serasli, Katerina Markopoulou, Michalis Agrafiotis, Dimitra Siopi, Evi Moulara, Venetia Tsara, Speaker to be confirmed

**Comparison of Wye Valley Trust motor neurone disease (MND) integrated care pathway with current NICE guidelines and monitoring of domiciliary non-invasive ventilation (NIV) via wireless modem**

Beenish Inayat, Anna Werpachowska, Michael Howard, Ingrid Du Rand, Speaker to be confirmed

**Characteristics of patients with hypoxemic respiratory failure due to pneumonia that respond to the application of a positive end expiratory pressure**

Valentina Paolini, Stefano Aliberti, Paola Faverio, Grazia Messinesi, Giuseppe Foti, Anna Stainer, Federica De Giacomi, Alberto Pesci, Speaker to be confirmed

**Comparison of ventilator-integrated end-tidal CO<sub>2</sub> and transcutaneous CO<sub>2</sub> monitoring in home-ventilated neuromuscular patients**

David Orlikowski, Helene Prigent, Xavier Ambrosi, Isabelle Vaugier, Sandra Pottier, Djillali Annane, Frederic Lofaso, Adam Ogna, Speaker to be confirmed

**Outpatient continuous positive airway pressure (CPAP) initiation in children: Feasibility and adherence to treatment**

Alessandro Amaddeo, Annick Frapin, Sonia Khirani, Brigitte Fauroux, Speaker to be confirmed

**Pilot study reviewing patients on domiciliary non-invasive ventilation (NIV) in Tower Hamlets**

Zulaiga Abrahams, Jane Simpson, Speaker to be confirmed

**Home non-invasive ventilation (NIV) : Patients cognitive performance and skills at setup**

Maxime Patout, Gill Arbane, Jennifer Owusu-Afryie, Laura Castaldi, Joerg Steier, Philip Marino, Nicholas Hart, Patrick Murphy, Speaker to be confirmed

**One-year experience of domiciliary non-invasive ventilation (NIV) monitoring via wireless modem in a district general hospital (DGH)**

Anna Werpachowska, Beenish Inayat, Michael Howard, Ingrid Du Rand, Speaker to be confirmed

**Non-invasive ventilation (NIV) in acute and emergency care - Are we making the right decisions?**

Jennifer Hunter, Alexander Mackay, Speaker to be confirmed

**Sniff nasal inspiratory pressure test is an early marker of diurnal hypercapnia in amyotrophic lateral sclerosis patients. Preliminary results**

Pierluigi Carratù, Giuseppina D'Alba, Lorenzo Marra, Silvano Dragonieri, Giuseppe Cassano, Alberto Capozzolo, Giorgio Castellana, Onofrio Resta, Speaker to be confirmed

**Mouthpiece ventilation in Duchenne muscular dystrophy**

Giuseppe Fiorentino, Anna Annunziata, Maria Antonietta Mazza, Rosa Cauteruccio, Gianfranco Scotto di Frega, Anna Michela Gaeta, Speaker to be confirmed

**Is sniff inspiratory nasal pressure a useful test in the evaluation of patients with neuromuscular diseases?**

Maria João Oliveira, Joana Gomes, Miguel Guimarães, Sara Conde, Speaker to be confirmed

**Discontinuing non-invasive ventilation in severe chronic obstructive pulmonary disease exacerbations: A randomised controlled trial**

Miquel Ferrer Monreal, Jacobo Sellares, Pedro Antonio Anton, Carolina Bencosme, Rodrigo Alonso, Pilar Martinez-Olondris, Hugo Loureiro, Javier Sayas, Virginia Pajares, Francisca Prieto, Esther Querol, Antoni Torres, Speaker to be confirmed

**The effect of daytime PaCO<sub>2</sub> on subjective sleep quality and HRQOLs in patients receiving long-term NIV**

Tomomasa Tsuboi, Toru Oga, Takefumi Saito, Shohei Takata, Shuichi Yano, Tetsuro Ohdaira, Yoshiro Mochizuki, Toru Yamanaka, Masahiro Abe, Kensuke Sumi, Tachibana Hiromasa, Kazuo Chin, Speaker to be confirmed

**Prognostic value of nocturnal hypoventilation in unventilated neuromuscular disease patients**

Adam Ognă, Helene Prigent, Maria-Antonia Quera Salva, Sylvie Chevret, Nicholas Heming, Djillali Annane, Frederic Lofaso, David Orlikowski, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Noninvasive ventilation and beyond: novelties and real life applications**

Chairs :

**Frequency and predictors of NIMV(non-invasive ventilation) failure in patients with haematological malignancies presenting with acute respiratory failure(ARF) at a tertiary care hospital in Karachi, Pakistan**

Farah Idrees, Muhammad Irfan, Speaker to be confirmed

**Pulmonary severity score at admittance: Selection of site of care**

Attila Nagy, Jozsef Lukács, Csöcs, György Losonczy, Veronika Müller, Speaker to be confirmed

**Evaluation of patient outcomes and adherence to NIV guidelines in a London hospital**

Vassilis Aggelis, Dionisio Izquierdo, Terry O'Shaughnessy, Vladimir Macavei, Speaker to be confirmed

**Extracorporeal CO<sub>2</sub> removal for refractory hypercapnia in acute respiratory failure: A case series**

Andrea Vianello, Giovanna Arcaro, Silvia Iovino, Claudia Rinaldo, Laura Battistella, Alberto Pavan, Beatrice Molena, Luciana Paladini, Maria Rita Marchi, Federico Gallan, Speaker to be confirmed

**Cardiovascular comorbidity predictors of survival in patients with COPD hypercapnic acute respiratory failure**

Jesus Manuel Perez Laya, Ignacio Peñas De Bustillo, Moises Olaverria Oujols, America Gil Fuentes, Diego German Rojas Tula, Speaker to be confirmed

**Early predictors of NIV failure in exacerbation of COPD**

Biljana Joves Sevic, Dusanka Obradovic, Rada Tesic, Srdjan Stefanovic, Uros Batranovic, Speaker to be confirmed

**Does obstructive lung disease impact the survival of patients with obesity-related respiratory failure treated with nocturnal NIV?**

Chathika Weerasuriya, Dariusz Wozniak, Syed Huq, Michael Davies, Speaker to be confirmed

**Systemic corticosteroids doses in COPD exacerbations treated with non-invasive ventilation**

Nestor Rodriguez Melean, Daniel Lopez Padilla, Perla Valenzuela Reyes, Maria Emilia Banderas Montalvo, Luis Lopez Yepes, Ana Hernandez Both, Javier Sayas Catalan, Speaker to be confirmed

**Non-invasive ventilation in non cystic fibrosis bronchiectasis**

Maria da Assunçã o Silva Nuno Braz, José Coutinho Costa, Cidália Rodrigues, Speaker to be confirmed

**The evaluation of oral health in mechanically ventilated children at home: A pilot study**

Betul Sen, Ezgi Gunyuz, Nilay Bas Ikizoglu, Yasemin Gokdemir, Fazilet Karakoc, Bulent Karadag, Refika Ersu, Gizem Ozbay, Sertac Peker, Betul Kargul, Speaker to be confirmed

**The use of the cyclical sigh function in long term non-invasive ventilation (NIV) as a method of lung volume recruitment to control hypercapnia in a patient with severe chronic obstructive pulmonary disease (COPD)**

Liam Campbell, Alison Armstrong, Speaker to be confirmed

**New method of high frequency jet non-invasive assisted ventilation**

Kontorovich Mikhail, Syskov Konstantin, Speaker to be confirmed

**Noninvasive positive pressure ventilation (NPPV) vs. invasive positive pressure ventilation (IPPV) in patients with caused by pneumonia mild to moderate ARDS**

Yordanka Yamakova, Rosen Petkov, Yordan Dimitrov, Borislav Velev, Viktoria Ilieva, Speaker to be confirmed

**SIMVS (synchronized intermittent mandatory ventilation) mode and BCPAP (Boussignac continuous positive airway pressure) system indifficult-to -wean critically ill infants from mechanical ventilation**

Anna Michela Gaeta, Anna Annunziata, Rosa Cauteruccio, Gianfranco Scotto di Frega, Maria Antonietta Mazza, Giuseppe Fiorentino, Speaker to be confirmed

**Outcome predictors of noninvasive ventilation in patients with respiratory failure due to chronic obstructive pulmonary disease**

Sead Zeynel, Sava Pejkovska, Biserka Kaeva, Zlatica Goseva, Zoran Arsovski, Elena Jovanovska, Speaker to be confirmed

**Functional effectiveness of auto-CPAP therapy in COPD patients with obstructive sleep apnea**

Ksenia Nazarenko, Liudmyla Iashyna, Yuri Feschenko, Svitlana Moskalenko, Svitlana Opimah, Iryna Chumak, Inna Zvol, Speaker to be confirmed

**Impacts of ventilator data download on managing patients receiving home non-invasive ventilation (NIV)**

Stephanie Mansell, Steven Cutts, Isobel Hackney, Dean Creer, Speaker to be confirmed

**Investigation of COPD patients discharged without home mechanical ventilation after in-hospital use of acute non-invasive ventilation**

Yasuhiro Kamii, Hirotohi Matsui, Takashi Hirose, Keita Takeda, Masahiro Ohgiya, Jun Suzuki, Masahiro Shimada, Shinobu Akagawa, Ken Ota, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Multidimensional and multidisciplinary approach to respiratory problems**

Chairs :

**Effect of age on arterial oxygen content in patients with pulmonay arteriovenous malfomations**

Abeer Rizvi, Lydia Babawale, J.M.B. Hughes, James E. Jackson, Claire L. Shovlin, Speaker to be confirmed

**Time course of acid-base status in patients hospitalized in a pulmonary department**

Maria Bolaki, Michail Fanaridis, Gerasimos Lekatsas, Georgios Pitsidianakis, Ioanna Mitrouska, Nikolaos Tzanakis, Dimitris Georgopoulos, Speaker to be confirmed

**Pulmonary consequences of hypothyroidism**

Samiaa Hamdy, Ahmad Azoz, Walaa Khalifa, Speaker to be confirmed

**Respiratory acclimatization and psychomotor performance during 3 weeks at 3200m**

Lara Muralt, Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Alexey Nikiforov, Ross A. Clark, Almaz Aldashev, Talant Sooronbaev, Silvia Ulrich, Konrad E. Bloch, Speaker to be confirmed

**Postural control in COPD patients travelling from 760 m to 3200 m; randomized trial evaluating effects of dexamethasone**

Lara Muralt, Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Ross A. Clark, Almaz Aldashev, Talant Sooronbaev, Tsogyal Latshang, Sylvia Ulrich, Konrad E. Bloch, Speaker to be confirmed

**Heart rate variability in lung transplant recipients**

Timoth e Fontollet, Pietro Gianella, Vincent Pichot, Paola M. Soccal, Guido Ferretti, Fr d eric Lador, Speaker to be confirmed

**Quality of life of chronic obstructive pulmonary disease and bronchiectasis: A comparative study**

Samiaa Hamdy, Ali Hasan, Noha Attia, Speaker to be confirmed

**Endothelial function in COPD vs coronary artery disease and healthy controls: An exploratory study**

Eva Bernardi, Veronique Cornellisen, Giovanni Grazzi, Carlotta Merlo, Luc Vanhees, Annalisa Cogo, Speaker to be confirmed

**Validity of chronic obstructive pulmonary disease simulation using straws**

Kazuyuki Tabira, Hirofumi Mase, Kazuma Kawahara, Naomi Miyamoto, Speaker to be confirmed

**Structural validity of the Nijmegen questionnaire in physically active young adults**

Irisz Karolina Levai, James H. Hull, Greg Whyte, John W. Dickinson, Speaker to be confirmed

**The strength of association of nocturnal hypoventilation with severity of sleep apnoea**

Nuno Cachada, Mindi Daniels, Biman Chakraborty, Rahul Mukherjee, Speaker to be confirmed

**Is airflow obstruction associated with nontuberculous lesions on chest X-ray?**

Yu-Il Kim, Jinsun Jang, HongJun Shin, Hyunju Seon, Taeok Kim, Chanwoo Park, Speaker to be confirmed

**Blood neutrophil responses to acute interval exercise in COPD**

Alex Jenkins, Arwel Jones, Rhys Thatcher, Keir Lewis, Speaker to be confirmed

**Blunted parasympathetic reactivation in smokers after exogenous hypoxic provocation**

Zdravko Taralov, Kiril Terziyski, Peter Dimov, Blagoi Marinov, Stefan Kostianev, Speaker to be confirmed

**Altitude related adverse health effects in lowlanders with COPD travelling to 3200m**

Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Sara E. Hartmann, Marc Poulin, Tsogyal D. Latshang, Silvia Ulrich, Almaz Aldashev, Talant Sooronbaev, Konrad E. Bloch, Speaker to be confirmed

**Peak nasal inspiratory flow percent mean variation; an index of nasal lability**

Nishtha Singh, Sheetu Singh, Rakesh Kumar, Virendra Singh, Speaker to be confirmed

**A successful pregnancy in a woman with severe idiopathic kyphoscoliosis: A case report**

Iлона Rousalova, Alena Vlachova, Petr Korbelaar, Lenka Patlejevova, Michal Anel, Speaker to be confirmed

**The prevalence of disorders of lung function and pulmonary hypertension in systemic sclerosis patients**

Galina Nekludova, Alexander Cherniak, Olga Koneva, Oksana Desinova, Speaker to be confirmed

**Respiratory muscles power and pulmonary function in pregnancy**

Omer Musa, Salma Elhadi, Speaker to be confirmed

**LSC Abstract – Vascular and breath volatolomics in pulmonary arterial hypertension**

Morad Nakhleh, Marc Humbert, Hossam Haick, Sylvia Cohen-Kaminsky, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Pathophysiological mechanisms at different scales: lung, airways, muscles and symptom perception**

Chairs :

**Physical activity is associated with allergic disease, but not allergic symptoms or sensitization, in adolescents**

Maia Smith, Dietrich Berdel, Carl-Peter Bauer, Sibylle Koletzko, Dennis Nowak, Joachim Heinrich, Holger Schulz, Speaker to be confirmed

**Diaphragm motion of healthy adults studied by ultrasonography M-mode**

Yeonhee Park, Jung-eun Lee, Jae-hee Seo, Sungju Jee, Kwang Sun Suh, Chang-gyu Lim, Cuk-seong Kim, Dong-Il Park, Chae-Uk Chung, Jeong-Eun Lee, Hee-sun Park, Sung-su Jung, Ju-Ock Kim, Sun-young Kim, Jae Young Moon, Speaker to be confirmed

**Improvement of symptoms, FEV1 and FVC in adolescent elite swimmers during the summer break**

Rosa Maria Ortiz Comino, Pedro J Romero Palacios, Juan de Dios Luna Del Castillo, Omar S. Usmani, Speaker to be confirmed

**Changes in physiological dead space/tidal volume ratio after pleural fluid drainage**

Stylianos Michaelides, George Bablekos, George Ionas, Dimitrios Papadopoulos, Petros Bakakos, Konstantinos Charalambopoulos, Speaker to be confirmed



**Dynamics of lipid peroxidation products in exhaled breath condensate in asthmatics in response to dosed physical exercise**

Juliy Perelman, Anna Prikhodko, Leonid Nakhamchen, Eugene Borodin, Victor Kolosov, Mikhail Shtarberg, Speaker to be confirmed

**Are schoolchildren respiratory symptoms related to ambient temperature?**

Hamida Kwas, Yosra Houaneb Marghli, Ines Zendah, Hedia Bellili, Amel Khattab, Nizar Souissi, Habib Ghedira, Speaker to be confirmed

**Asthma, asthma medication and training intensity in Swedish competitive athletes: An internet-based survey**

Amanda Nä sman, Tommie Hjeré n, Ulf Hå llmarker, Anne Lindberg, Nikolai Stenfors, Speaker to be confirmed

**Effects of a 6 week whole-body vibration training (WBVT) in stable COPD patients: A randomized clinical trial**

Maite Jimé nez Siebert, Tobias Boeselt, Timm Greulich, Peter Alter, Felix Herth, Nicolas Kahn, Florian Bornitz, Claus Vogelmeier, Christoph Nell, Simone Hummler, Andreas Rembert Koczulla, Speaker to be confirmed

**Assessing response to methacholine challenges using a new forced oscillation device**

Peta Hathway, Joanna Watts, Leigh Seccombe, Lachlan Buddle, Gregory King, Cindy Thamrin, Claude Farah, Speaker to be confirmed

**Dyspnea, inspiratory and expiratory muscles in mild and severe COPD compared to healthy individuals**

Marcelo Macchione, Leticia Cardenas, Jeferson Ferreira, Renata Plestch, Mayra Pereira, Vinicius Iamonti, Pauliane Santana, Pedro Caruso, Carlos Roberto Carvalho, André Luis Albuquerque, Speaker to be confirmed

**Do athletes have an increased capacity to condition inspired air?**

Julie Turmel, Simon-Pierre Moreau, Hé lè ne Villeneuve, Louis-Philippe Boulet, Speaker to be confirmed

**Effects of physical conditioning in untrained individuals with exercise-induced laryngeal obstruction - A randomised controlled trial**

Emil Schwarz Walsted, Kiran Mirza, Vibeke Backer, Speaker to be confirmed

**The incidence of asthma among Swedish elite endurance athletes**

Tommie Hjeré n, Lars Sö derströ m, Anne Lindberg, Nikolai Stenfors, Speaker to be confirmed

**In-vivo and in-vitro functional residual capacity comparisons between multiple breath nitrogen washout devices**

Katrina Tonga, Cindy Thamrin, Claude Farah, Paul Robinson, Gregory King, Speaker to be confirmed

**Evaluation of exercise-induced respiratory symptoms in adolescents**

Susana Maria Gonç alves Clemente, Maria Alvarenga, Filipa Todo Bom, Sí lvia Rodrigues, Liliana Gomes, Ana Campos, Inê s Alves, Jorge Rosa, Sofia Furtado, Speaker to be confirmed

**Measurement of lung function deterioration in COPD by V/P SPECT**

Marika Bajc, J. Wang, C.Z. Wang, Ari E. Lindqvist, X.Y. He, Speaker to be confirmed

**Positive expiratory pressure breathing accelerates recovery of exertional dyspnea in participants with COPD: A randomised cross over trial**

Chulee Jones, Khajonsak Pongpanit, Watchara Boonsawat, David Jones, Speaker to be confirmed

**Lung diffusion capacity in elite athletes**

Biljana Lazovic, Vladimir Zugic, Speaker to be confirmed

**Isolated reduction in residual volume on body plethysmography is an early indicator of parenchymal lung disease**

M. Sajjad Sarwar, Muhammad Irfan, Ali B.S. Zubairi, Speaker to be confirmed

**Spirometry in normal Indians: Towards establishing a new prediction equation**

Sujeet Rajan, Swapnil Kulkarni, Namrata Kewalramani, Sapna Madas, Niranjan Kulkarni, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Lung function and imaging: new findings and new approaches

Chairs :

**Usefulness of FEV<sub>1</sub>/SVC to uncover airflow obstruction in subjects with preserved FEV<sub>1</sub>/FVC**

Mathieu Saint-Pierre, Jamil Ladha, Danilo Berton, Angie Zapotichny, Denis Faubert, Lori Crozier-Wells, Julianna Tang, Cathy Muir, Lutz Forkert, Denis O'Donnell, Jose Alberto Neder Serafini, Speaker to be confirmed

**Lung function parameters improve prediction of VO<sub>2</sub>peak: The Generation 100 study**

Erlend Hassel, Dorthe Stensvold, Thomas Halvorsen, Ulrik Wisløff, Arnulf Langhammer, Sigurd Steinshamn, Speaker to be confirmed

**Effects of forced exhalations and cough on surfactant content and size distribution of exhaled particles**

Per Larsson, Björn Bake, Anita Wallin, Oscar Hammar, Ann-Charlotte Almstrand, Mona Lärstam, Evert Ljungström, Ekaterina Mirgorodskaya, Anna-Carin Olin, Speaker to be confirmed

**Regional specific gas volume as an early marker of chronic lung allograft dysfunction (CLAD)**

Caterina Salito, Andrea Aliverti, Alessandro Palleschi, Rosaria Carrinola, Letizia Morlacchi, Valeria Rossetti, Paolo Tarsia, Mario Nosotti, Speaker to be confirmed

**Revisiting lung function measurements before lung cancer surgery**

Alex Parker, Paul Walker, Angela Key, Speaker to be confirmed

**Cluster analysis and lung function in sickle cell disease**

Alan Lunt, Emily McGhee, David Rees, Sue Height, Gerrard Rafferty, Swee-Lay Thein, Anne Greenough, Speaker to be confirmed

**Levosimendan reduces cholinergic bronchoconstriction: The role of K<sub>ATP</sub> channels**

Roberta Sudy, Adam L. Balogh, Gergely H. Fodor, Barna Babik, Ferenc Petak, Orsolya Ivankovitsne Kiss, Speaker to be confirmed

**Volumetric capnography in distinct phenotypes of COPD patients**

Monica Corso Pereira, Silvia Maria Silva Doria, Marcos Melo Moreira, Eduardo Melo De Capitani, Ilma Aparecida Paschoal, Speaker to be confirmed

**Peripheral airway function at 12 months post allogeneic haematopoietic stem cell transplantation (allo-HSCT)**

Christopher Htun, Robin Schoeffel, Samir Lahzami, Craig Phillips, Alun Pope, Paul Robinson, Gregory King, Speaker to be confirmed

**Evaluation of bronchodilator response in healthy subjects using pulmonary function test and impulse oscillometry system**

Yukiko Matsuura, Naoko Kawata, Yoriko Iesato, Ken Iesato, Kazutoshi Sugiura, Jun Ikari, Yuji Tada, Koichiro Tatsumi, Speaker to be confirmed

**Strategies to reverse lung function deterioration to cardiopulmonary bypass: Comparison of ventilation management and/or bronchodilator therapies**

Ferenc Peták, Adam L. Balogh, Gergely H. Fodor, Edit Vigh, Roberta Sudy, Barna Babik, Speaker to be confirmed

**Effects of posture and sleep in respiratory mechanics detected by forced oscillation technique (FOT)**

Emiliano Gatti, Laura Maugeri, Enrico Mellano, Raffaele Dellacà, Carlo Gulotta, Speaker to be confirmed

**Can human breathing be measured under true ecological conditions?**

Pierantonio Laveneziana, Marie-Cécile Niébat, Bruno-Pierre Dubé, Ros-Kiri Ing, Thomas Similowski, Speaker to be confirmed

**Reference lung values for ethnically diverse Nepalese population residing at wide range of altitudes**

Maniraj Neupane, Annalisa Cogo, Delan Devakumar, Om Kurmi, Eva Rehfuess, Buddha Basnyat, Rainald Fischer, Jon Ayres, Philip Quanjer, Speaker to be confirmed

**Regional dynamic lung strain and specific elastance imaged by synchrotron computed tomography**

Liisa Porra, Gergely Albu, Loïc Dégrugilliers, Ludovic Broche, Matts Wallin, Magnus Halbäck, Ferenc Peták, Walid Habre, Sam Bayat, Speaker to be confirmed

**Quantitative chest CT (QCT) measurements in World Trade Center (WTC) workers and volunteers with accelerated air flow decline**

Rafael E. de la Hoz, Raúl San José Estépar, John T. Doucette, Juan P. Wisnivesky, David A. Lynch, Speaker to be confirmed

**Structure-function relationships in the lungs of cystic fibrosis (CF) patients using multi-volume high-resolution CT (HRCT) and proton MRI (<sup>1</sup>-H-MRI)**

Francesca Pennati, Caterina Salito, David Roach, John Clancy, Alan Brody, Robert Fleck, Andrea Aliverti, Jason Woods, Speaker to be confirmed

**Bronchodilation assessment by oscillometry in adult asthmatic patients**

Carla Martins, Leonor Carneiro-Leão, Artur Vilela, Márcio Miranda, José Luís Plácido, Speaker to be confirmed

**Spirometry in the 5000 subjects of the LifeGene pilot study in Sweden: Evaluating different reference equations, BMI and thorax measurements**

Martin Anderson, Mikaela Qvarfordt, Magnus Svartengren, Speaker to be confirmed

**Optoelectronic plethysmography (OEP) in the assessment of dysfunctional breathing (DB) in athletes**

Irisz Karolina Levai, Carlo Massaroni, James H. Hull, Greg Whyte, Sergio Silvestri, Samantha Winters, John W. Dickinson, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Respiratory muscles and airways function: from physiology to clinical implications****Chairs :****Inspiration capacity generated by neural respiratory drive could be further increased by CO<sub>2</sub>**

Yingmei Luo, Hua Qin, Baiting He, Lian Zhou, Zhihui Qiu, John Moxham, Michael Iain Polkey, Yuanming Luo, Speaker to be confirmed

**Inspiratory capacity generated by neural respiratory drive could be further increased by inhalation of CO<sub>2</sub>**

Yingmei Luo, Hua Qin, Baiting He, Lian Zhou, Zhihui Qiu, John Moxham, Michael Iain Polkey, Yuanming Luo, Speaker to be confirmed

**Maximal inspiratory pressure: does the choice of reference values matter?**

Antenor Rodrigues, Marianne Silva, Danilo Berton, Denis Faubert, Julianna Tang, Angie Zapotichny, Lori Crozier-Wells, Cathy Muir, Lutz Forkert, Denis O'Donnell, J. Alberto Neder, Speaker to be confirmed

**The value of capnogram parameters to detect adverse lung mechanical changes following cardiopulmonary bypass**

József Tolnai, Ferenc Peták, Gergely Fodor, Ádám L. Balogh, Zsófia Csorba, Barna Babik, Speaker to be confirmed

**Supine abdominal contribution: Index of diaphragmatic weakness (DW) in amyotrophic lateral sclerosis (ALS)**

Antonella Lo Mauro, Paolo Banfi, Andrea Aliverti, Speaker to be confirmed

**Influence of heart failure on resting inspiratory volumes in patients with COPD**

J. Alberto Neder, Aline Souza, Priscila Sperandio, Adriana Mazzuco, Maria Clara Alencar, Flavio Arbex, Denis O'Donnell, Speaker to be confirmed

**Comparison of thoracoabdominal synchrony using two methods in healthy subjects, chronic obstructive and interstitial lung disease**

Mayra Caleffi Pereira, Jeferson Ferreira, Vinícius Iamonti, Patricia Trevisan, Andre Apanavicius, Pauliane Santana, Letícia Cardenas, Carlos Roberto Ribeiro de Carvalho, Pedro Caruso, Andre Luis Pereira de Albuquerque, Speaker to be confirmed

**Over-reading of FRC using N<sub>2</sub> MBW compared to plethysmography and SF<sub>6</sub> MBW in COPD**

Alan Bell, Dave Singh, Alex Horsley, Speaker to be confirmed

**Specific cystic fibrosis (CF) abnormalities studied by multi-volume CT and proton MRI (<sup>1</sup>-H-MRI)**

Francesca Pennati, Andrea Aliverti, David Roach, John Clancy, Jason Woods, Speaker to be confirmed

**Relationship between clinical and functional outcomes with resting inspiratory muscle strength in chronic respiratory diseases**

Pietro Merola, Franciele Plachi, Ricardo Gass, Rui Gustavo Dorneles, Luiz Felipe Frolich, Marcelo Gazzana, Marli Knorst, José Alberto Neder, Danilo Berton, Speaker to be confirmed

**Influence of inspiratory muscle weakness in exercise capacity of patients with chronic thromboembolic pulmonary hypertension (CTEPH)**

João Victor Rolim, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Gabriela A.M. Figliolino, Ivan Ivanaga, Angelo Cepeda, Carolina Messina, Camila Costa, Luiz Eduardo Nery, Jaqueline Sonoe Ota-Arakaki, Speaker to be confirmed

**Comparative analysis of estimated and measured maximal voluntary ventilation in patients with pulmonary hypertension**

Sheila do Rosário Da Cruz Nunes Gonçalves, Gabriela A.M. Figliolino, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo Cepeda, Ivan Ivanaga, João Victor Rolim, Meyer Izbicki, Jaqueline Sonoe Ota-Arakaki, Luiz Eduardo Nery, Speaker to be confirmed

**Evaluation of maximal inspiratory and expiratory pressures in neuromuscular patients: Comparison between two different equipments**

Maria João Oliveira, Sara Conde, Inês Ladeira, Ricardo Lima, Miguel Guimarães, Speaker to be confirmed

**Respiratory system impedance with impulse oscillometry in Parkinson's disease: Relation with disease severity**

Meghashree Sampath, Anjana Talwar, Ashok Jaryal, Vinay Goyal, Achal Srivastava, Kishore Kumar Deepak, Speaker to be confirmed

**Total respiratory impedance by impulse oscillometry (IO) in patients with pulmonary tuberculosis (PT)**

Larisa Kiryukhina, Olga Volodich, Pavel Gavrilov, Leonid Mikhailov, Liudmila Archakova, Elmira Zilber, Piotr Yablonskii, Speaker to be confirmed

**Quality of spirometry in primary care in Navarra (Spain)**

Pilar Carmen Cebollero Rivas, M. Carmen Bermejo Navas, Francisco Campano Lancharo, Jorge Zagaceta, Sonia Herrero Martínez, María Jesús Martínez, Amparo Urrizburu, Javier Hueto Pérez de Heredia, Speaker to be confirmed

**Measuring lung inhomogeneity in early chronic lung disease**

Peter A. Robbins, James Mountain, David O'Neill, Luca Ciaffoni, John Couper, Jon Whiteley, Gus Hancock, Grant Ritchie, Speaker to be confirmed

**Increase in maximal expiratory mouth pressures (MEPs) following climbing at altitude on Everest**

Anne Mier, Ghassan Alusi, John Monson, Speaker to be confirmed

**Correlation between exercise capacity with FVC%, FEV<sub>1</sub>% and RV% in patients with airways diseases and severe and very severe lung function obstruction**

Vanessa Maria Ferreira dos Santos, Rita Boaventura, Leonor Meira, Paula Martins, Luís Gaspar, Emília Araújo, Paulo Viana, Isabel Gomes, Speaker to be confirmed

**Dobutamine decreases an elevated airway tone similar to dopamine in rats**

Gergely H. Fodor, Adam L. Balogh, Roberta Sudy, Orsolya Ivankovitsne Kiss, Barna Babik, Ferenc Petak, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Clinical exercise physiology in health and disease****Chairs :****Arterial oxygen content primarily reflects haemoglobin concentration in a cohort of hypoxaemic patients**

Claire Shovlin, Basel Chamali, Vatshalan Santhirapala, Hannah Tighe, James Jackson, Speaker to be confirmed

**Study of efficacy of combination of pentoxifylline (PTX) and rifaximin (RIF) and exercise capacity in PTX refractory hepatopulmonary syndrome(HPS)**

Sachin Kumar, Naveen Kumar, Shiv Sarin, Speaker to be confirmed

**Circulatory and ventilatory power: New indices to assess cardiorespiratory responses in diabetics**

Daniela Dutra, Vivian Arakelian, Renata Mendes, Flávia Caruso, Jose Bonjorno Junior, Ross Arena, Audrey Borghi-Silva, Speaker to be confirmed

**Is exercise tolerance different in COPD and bronchiectasis patients who are severely obstructed?**

Leonor Meira, Rita Boaventura, Vanessa Santos, Ermelinda Eusébio, Paula Martins, Emília Araújo, Luís Gaspar, Isabel Gomes, Speaker to be confirmed

**Repetitive, intense hyperpnea to reduce bronchial reactivity in asthmatics – A pilot study**

Philipp A. Eichenberger, Andrea Kurzen, Stephanie N. Diener, Thomas A. Scherer, Christina M. Spengler, Speaker to be confirmed

**A comparison of near-infrared spectroscopy and indirect calorimetry variables in the 6-minute walking test between healthy elderly and COPD patients**

Lafont S Vidotto, Claudia Roberta Dos Santos, Mayara Manzoni, Josiane Felcar, Cosme Buzzachera, Vanessa Probst, Speaker to be confirmed

**Aerobic capacity and ventilatory efficiency during exercise in patients with heart failure with and without oscillatory ventilation at an altitude of 2600 meters**

Carlos Andrés Celis Preciado, Javier Lasso, Speaker to be confirmed

**Correlation of composite physiologic index with 6-minute walk test variables in patients with idiopathic interstitial pneumonias**

Keisuke Morikawa, Yasunori Imaoka, Hiroyuki Takemura, Shogo Inaba, Syunta Shimoda, Makoto Okada, Esteban Cesar Gabazza Sanabria, Osamu Hataji, Speaker to be confirmed

**Effect of antituberculosis treatment on cardiopulmonary responses to exercise in pulmonary tuberculosis**

Ashok Bansode, Tilakchand Dhamgaye, Kapil Iyer, Swapnil Kulkarni, Mahesh Jansari, Speaker to be confirmed

**Dietary nitrate supplementation and exercise tolerance in chronic heart failure: A double-blind, randomized, placebo-controlled, crossover trial**

Daniel Hirai, Joel Zelt, Joshua Jones, Robert Bentley, Wendy Earle, Patti Staples, Michael Tschakovsky, John McCans, Denis O'Donnell, J. Alberto Neder, Speaker to be confirmed

**Stops and its correlation with new measurements during the six-minute walk test in patients with chronic obstructive pulmonary disease**

Carlos Andrés Celis Preciado, María José Fernández, Ximena Correa, Speaker to be confirmed

**Effects of respiratory warm-up exercises on exercise-induced bronchoconstriction**

Philipp Eichenberger, Thomas A. Scherer, Christina M. Spengler, Speaker to be confirmed

**Correlation of air trapping in COPD with nadir to peak increment of ventilatory equivalents at maximal effort**

Rottem Kuint, Neville Berkman, Samir Nusair, Speaker to be confirmed

**Influence of age, weight and height on oxygen pulse during maximal exercise**

Wilaiwan Khrisanapant, Tichanon Promsrisuk, Orapin Pasurivong, Watchara Boonsawat, Boonsong Patjanasontorn, Paitoon Benjapornlert, Speaker to be confirmed

**Effects of bronchodilation and breathing reserve consumption on cardiopulmonary exercise test performance in non-asthmatic athletes**

Murillo Frazão, Paulo Eugênio Silva, Wanessa Frazão, Socorro Brasileiro, Speaker to be confirmed

**Estimation of peak oxygen uptake in obese patients with metabolic syndrome**

Alexandre Darmon, David Debeaumont, Catherine Tardif, Pierre Dechelotte, Caroline Thill, Luc Thiberville, Jeremy Coquart, Speaker to be confirmed

**Exercise tolerance and ventilatory response in patients with type-1 diabetes**

Irene Turinese, Paolo Marinelli, Marco Rossetti, Giovanni Statuto, Tiziana Filardi, Matteo Bonini, Alberto Paris, Susanna Morano, Paolo Palange, Speaker to be confirmed

**Tabagism, Physical activity and cardiovascular risk in youth. An analysis of MACISTE study**

Giuseppe Fiorenzano, Giacomo Pucci, Francesca Battista, Fabio Anastasio, Mariano Edoardo Crapa, Leandro Sanesi, Lucas Troiani, Marco D'Abbondanza, Giuseppe Schillaci, Speaker to be confirmed

**Validity of 50m walking test in obese patients**

Christina Priegnitz, Marcel Treml, Kerstin Richter, Winfried J. Randerath, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Hypoxia, oxidative stress and biomarkers in obstructive sleep apnoea**

Chairs :

**Chronic intermittent hypoxia induces liver injury in mice with diet induced obesity via TLR4/MyD88/MAPK/NF-κB signaling pathways**

Hyeon Hui Kang, Jin Young Mo, Sang Haak Lee, Hwa Sik Moon, Speaker to be confirmed

**Adiponectin can improve chronic intermittent hypoxia induced genioglossus contractile dysfunction**

Xilong Zhang, Hanpeng Huang, Xiaofeng Zhang, Speaker to be confirmed

**The effect of 5-HT<sub>1A</sub> receptor on the upper airway of chronic-intermittent-hypoxia rats**  
Ying Zou, Wei Wang, Aidi Wang, Ling Zhou, Speaker to be confirmed

**Changes in inflammatory mediators as a result of intermittent hypoxia in obstructive sleep apnea syndrome**

Müge Kutnu, Volkan Sozer, Ersan Atahan, Buket Caliskaner Ozturk, Ergi Hysi, Cansu Cabuk, Benan Müsellim, Gonul Simsek, Hafize Uzun, Speaker to be confirmed

**Correlation between severity of obstructive sleep apnea (Osa) and serum total cholesterol: Hdl cholesterol (Tc:Hdl) ratio**

Shubham Agrawal, Jai Kumar Samaria, Praveen K. Singh, Mohit Bhatia, S.C. Matah, Speaker to be confirmed

**Lipolysaccharide alters the pattern of breathing and Hering-Breuer reflexes in anaesthetized rats**

Tatiana Tumanova, Viacheslav Aleksandrov, Speaker to be confirmed

**A major inflammatory cytokine IL-1 inhibits the ventilatory response to hypoxia**

Nina P. Aleksandrova, Galina A. Danilova, Speaker to be confirmed

**Interrelationships between oxidative stress and MMP-9 in subjects with severe obstructive sleep apnea syndrome**

Baldassare Canino, Eugenia Hopps, Rosalia Lo Presti, Vincenzo Calandrino, Gregorio Caimi, Speaker to be confirmed

**Association between 25-hydroxyvitamin D and interleukin 17 levels in severe obstructive sleep apnea syndrome**

Sonia Toujani Chekki, Jouda Cherif, Wajih Kaabachi, Meriem Mjid, Houda Snene, Nozha Ben Salah, Yacine Ouahachi, Bechir Louzir, Nadia Mehiri, Kamel Hamzaoui, Majed Beji, Speaker to be confirmed

**The role of the complement system in the pathomechanism of obstructive sleep apnea syndrome**

Péter Horváth, Zsófia Lázár, Rita Puskás, Gabriella Gálffy, György Losonczy, László Kunos, András Bikov, Speaker to be confirmed

**Does the neutrophil-to-lymphocyte ratio have any importance between subjects with obstructive sleep apnea syndrome with obesity and without obesity?**

Fulsen Bozkus, Nursel Dikmen, Anil Samur, Speaker to be confirmed

**Optogenetic silencing of selected serotonin neurons in the control of CO<sub>2</sub>-induced arousal**

Rika Moriya, Mitsuko Kanamaru, Naoki Ookuma, Akira Yoshikawa, Kenji F. Tanaka, Satoshi Hokari, Yasuyoshi Ohshima, Masahiko Izumizaki, Speaker to be confirmed

**Long term changes of C-reactive protein (CRP) in obstructive sleep apnoea (OSA) with or without treatment**

Ana Lucía Figueredo Cacacho, Teresa Martín Carpi, Dinora Polanco Alonso, Ana Lilian Simon Robles, Victoria Gil Gomez, Pablo Cubero Marin, Marta Forner, Santiago Carrizo Sierra, Salvador Bello, José María Marin Trigo, Speaker to be confirmed

**A study on the association between the severity of newly diagnosed obstructive sleep apnea and subclinical carotid atherosclerosis in patients without overt cardiovascular disease**

Kleanthis Theodoropoulos, Dimosthenis Lykouras, Kiriakos Karkoulas, Dushyant Damania, Aspasia Rigopoulou, George Hahalis, Ioannis Starakis, Kostas Spiropoulos, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Clinical presentation, daytime symptoms and screening of obstructive sleep apnoea**

**Chairs :**

**Athens insomnia scale in obstructive sleep apnea patients and factor structure analysis**

Athanasia Pataka, Evdokia Sourla, Sofia Akritidou, Seraphim Kotoulas, Evangelia Panagiotidou, George Kalamaras, Nikolaos Chavouzis, Paraskevi Argyropoulou, Speaker to be confirmed

**Prevalence of anxiety disorder and depression in newly diagnosed obstructive sleep apnea patients**

Areti Batzikosta, Paschalia Tiga, Evangelia Nena, Eleni Perantoni, Nicholas-Tiberio Economou, Paschalis Steiropoulos, Speaker to be confirmed

**Excessive daytime sleepiness in the general population: Experiences from the use of an online Epworth sleepiness scale**

Jennifer Boyes, Panagis Drakatos, Ian Jarrold, Judy Harris, Joerg Steier, Speaker to be confirmed

**Tiredness or sleepiness in obese patients – What should we consider?**

Ahmad Kamal Azri, Abi Musa Asari, Ashwin Rajhan, Nathalie Bryan, Ajit Thomas, Martin Allen, Speaker to be confirmed

**Subjective sleep quality in a coronary care unit**

Simone Chaves Fagondes, Flavia Gabe Beltrami, Bruno Rocha de Macedo, Angela Beatriz John, Simone Fagondes, Speaker to be confirmed

**The predictive value of STOP-BANG and Epworth questionnaires prior to coronary artery bypass surgery on postoperative pulmonary complications**

Özlem Erçen Diken, Adem Ilkay Diken, Adnan Yalçınkaya, Sertan Özyalçın, Mehmet Emir Erol, Hasan Öner, Speaker to be confirmed

**STOP-BANG questionnaire overestimates sleep apnea in asthmatic patients with nocturnal symptoms**

Margarida Dias, Maria João Oliveira, Dulce Apolinário, Daniela Ferreira, Inês Ladeira, Ivone Pascoal, Aurora Carvalho, Ricardo Lima, Speaker to be confirmed

**BOAH – A shorter version of STOP-BANG questionnaire for prioritizing patients for polysomnography in sleep clinic**

Lukasz Mokros, Wojciech Kuczynski, Agata Gabryelska, Piotr Bialasiewicz, Speaker to be confirmed

**Application of cluster analysis in OSA population**

Donato Lacedonia, Giovanna E. Carpagnano, Roberto Sabato, Maria Maddalena Lo Storto, Giulia Patricelli, Maria Pia Foschino Barbaro, Crescenzo Gallo, Speaker to be confirmed

**Determining breathing or snoring episodes and apneas during sleep using acoustic signal from the neck**

Marcel Mlynczak, Wojciech Kukwa, Ewa Migacz, Maciej Migacz, Speaker to be confirmed

**Submental and neck ultrasonography measurements in patients with obstructive sleep apnea**

Flaminio Mormile, Luca Viglietta, Annelisa Mastrobattista, Andrea Smargiassi, Marcello Bosi, Salvatore Valente, Speaker to be confirmed

**Efficacy and cost-effectiveness of home respiratory polygraphy**

M<sup>a</sup> Ángeles Sanchez Quiroga, Juan Fernando Masa Jiménez, Ferrán Barbé Illa, Marta Cabello Najera, Neus Salord Oleo, Joaquin Duran Cantolla, Francisco Capote Gil, Jesús Muñoz Méndez, Joaquin Terán Santos, Josep Maria Montserrat, Mónica De la Peña Bravo, José Carlos Serrano, Speaker to be confirmed

**Over diagnosis of sleep apnoea: A comparison of three common ambulatory sleep polygraphs**

Neil Skjodt, Ronald S. Plattt, Samaneh Sharraf, Amin Habib, Jocelyne Lamoureux, Speaker to be confirmed

**Can we use the oxygen desaturation index alone to reliably diagnose obstructive sleep apnoea in obese patients?**

Hussain Basheer, Shashank Sharma, Miraj Patel, Speaker to be confirmed

**Validity of overnight pulse oximetry as a screening tool of obstructive sleep apnea**

Luci Suliman, Nesren Şhalabi, Ahmed Saad, Speaker to be confirmed

**Obstructive sleep apnea screening methods in obese patients**

Simone Chaves Fagondes, Angela Beatriz John, Vinicius Von Diemen, Manuel Trindade, Valmir Furquim Prestes, Menna Barreto Sergio, Speaker to be confirmed

**Validation of the oxygen desaturation index to exclude sleep apnea**

Timon M. Fabius, Jeffrey R. Benistant, Lindsey Bekkedam, Job van der Palen, Frans H.C. de Jongh, Michiel Wagenaar, Michiel M.M. Eijsvogel, Speaker to be confirmed

**Is desaturation Index, a better predictor of metabolic syndrome than apnoea-hypopnoea index?**

Mohammed Zuhair, Syed Tousheed, B.V. Murali Mohan, Ranganath Ramanjenaya, Hemanth Kumar, P.H. Manjunath, Speaker to be confirmed

**Validation of a suprasternal pressure transducer for sleep apnea classification in children**

Alessandro Amadeo, Marta Fernandez-Bolanos, Jorge Olmo Arroyo, Sonia Khirani, Guillaume Baffet, Brigitte Fauroux, Speaker to be confirmed

**Detecting breathing route during sleep in children using acoustic signal from the nose**

Marcel Mlynczak, Wojciech Kukwa, Ewa Migacz, Maciej Migacz, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Sleep apnoea in the life-span and in comorbidities

Chairs :

**Prevalence of SAHS in uncomplicated normal pregnant women in the third trimester**

Núria Toledo Pons, Elisabetta Nervo, Ainhoa Álvarez Ruiz de Larrinaga, Alberto Alonso-Fernandez, B. Murià Diaz, Mercedes Codina, J.L. Manjón, E. Montoliu, L. Mora, A. Sánchez, I. Del Horno, Joan Soriano, J. Duran-Carro, Merixell Arqué, María de los Giménez, M.J. Mendaza, D. Mohamed, M. Bosch, L. Guerra, Mónica De la Peña, Antonia Barceló, A. Saez de Lafuente, Javier Pierola Lopetegui, Egea Santaolalla, Joaquin Durán-Cantolla, J.M. Marín,  
Speaker to be confirmed

**Validation study of a respiratory polygraphy (Alice PDx) for the diagnosis of sleep apnoea-hypopnoea syndrome in pregnant women**

Elisabetta Nervo, Nuria Toledo Pons, Alberto Alonso Fernandez, A. Alvarez Ruiz de Larrinaga, B. Murià Diaz, M. Codina, J.L. Manjón, E. Montoliu, A. Sanchez, I. Del Horno, J.B. Soriano, J. Duran-Carro, M.J. Mendaza, Merixell Arqué, M.P. Gimenez, D. Mohamed, M. Bosh, L. Guerra, Monica De la Peña, A. Barceló, A. Saez de Lafuente, J. Pierola Lopetegui, C. Egea Santaolalla, J. Durán-Cantolla, J.M. Marín, L. Mora, Speaker to be confirmed

**Sleep disordered breathing in young children: Should we wait for spontaneous resolution?**

Rosário Ferreira, Joana Oliveira, Rosa Martins, Speaker to be confirmed

**Comorbidity burden in obstructive sleep apnea varies by age in men**

Robert Adams, Sarah Appleton, Andrew Vakulin, Douglas McEvoy, Nick Antic, Peter Catcheside, Anne Taylor, Gary Wittert, Speaker to be confirmed

**Daytime sleepiness in patients with obstructive sleep apnoea syndrome and its correlation to insulin resistance**

Dimosthenis Lykouras, Kleanthis Theodoropoulos, Olga Lagiou, Michail Lykouras, Fotios Sampsonas, Agathi Spiropoulou, Theodore Alexandrides, Kiriakos Karkoulias, Kostas Spiropoulos, Speaker to be confirmed

**The clinical presentation of obstructive sleep apnea syndrome is different in diabetic patients**

Athanasia Pataka, Despoina Koutsochristou, Seraphim Kotoulas, Evdokia Sourla, Sofia Akritidou, Evangelia Panagiotidou, George Kalamaras, Nikolaos Chavouzis, Katalin Fekete, Paraskevi Argyropoulou, Speaker to be confirmed

**How does obstructive sleep apnea syndrome effect renal functions?**

Elif Torun Parmaksiz, Ergün Parmaksiz, Banu Salepci, Gülten Güngör, Benan Çaglayan, Speaker to be confirmed

**Effects of short sleep duration on proteinuria and chronic kidney disease: A systematic review and meta-analysis**

Narat Srivali, Wisit Cheungpasitporn, Charat Thongprayoon, Sean Caples, Stephen Erickson, Speaker to be confirmed

**Adrenal size in patients with obstructive sleep apnea**

Takuma Minami, Kimihiko Murase, Satoshi Hamada, Ryo Tachikawa, Takeshi Matsumoto, Kiminobu Tanizawa, Morito Inouchi, Tomohiro Handa, Toru Oga, Michiaki Mishima, Kazuo Chin, Speaker to be confirmed

**Detection of sleep-related breathing disorders in cardiologic outpatients**

Christina Priegnitz, Thorsten Fritz, Marcel Halbach, Daniel Steven, Stephan Baldus, Ilona Kietzmann, Marcel Treml, Winfried J. Randerath, Speaker to be confirmed

**Prevalence of obstructive sleep apnea in patients with abdominal aortic aneurysm**

Jacques Hernigou, Bassel Dakhil, Laure Belmont, Jean-Claude Couffinhal, Patrick Bagan, Speaker to be confirmed

**Role of arterial blood gases, continuous positive airway pressure and d-dimers to rule out pulmonary embolism suspected in obese patients**

Ahmed Gharib, Adel Khattab, Bruno Housset, Adel Saeed, Nada Gomaa, Jesús Gonzalez - Bermejo, Speaker to be confirmed

**Obstructive sleep apnoea and risk of recurrent venous thromboembolism**

Núria Toledo Pons, Elisabetta Nervo, Alberto Alonso Fernandez, Monica de la Peña, Miguel Carrera Lamarca, Joan B. Soriano, Angela Garcia Suquia, Raquel Casitas, Javier Pierola, Antonia Barceló, Carmen Fernandez Capitán, Elizabet Martinez-Ceron, Francisco García Rí, Speaker to be confirmed

**COPD and OSA: Can the overlap syndrome be suspected by clinical symptoms**

Silke Weber, Flavio Pissulin, Ricardo Beneti, Francis L. Pacagnelli, Maiara Aldá, Jefferson Barros, Speaker to be confirmed



**Patients with sleep apnoea(SA) and severe/difficult to treat asthma(SDTA) have worse asthma related clinical outcomes than those with no sleep apnoea**

Sarah Davies, Alice Turner, Simon Wharton, Adel Mansur, Speaker to be confirmed

**OSA with interstitial lung diseases**

Sema Saraç , Gulgun Ç etintas, Murat Kavas, Ö zlem Oruç , Ö zgü r Bilgin Topç uoglu, Cü neyt Saltü rk, Meral Ulukö ylü , Cansel Atinkaya, Sibel Arinç , Ali Metin Gö rgü ner, Speaker to be confirmed

**Obstructive sleep apnoea and interstitial lung disease: A quality of life analysis**

Ana Veró nica Santos Cardoso, Nuno Pereira, Vanessa Santos, Patrícia Caetano Mota, Inês Neves, Natália Melo, António Morais, Marta Drummond, Speaker to be confirmed

**Sleep disordered breathing in myotonic dystrophy: A consecutive prospective cohort study**

Bennett James, Arun Khanna, Baker Jill, Maddison Paul, Sovani Milind, Speaker to be confirmed

**Sleep and sleep disordered breathing in a cohort of pre-LTX patients**

Marie-Pia D' Ortho, Linda Hajouji-Drissi, Gaelle Dauriat, Anny Rouvel-Talleg, Marie-Amelie Dalloz, Hervé Mal, Speaker to be confirmed

**Obstructive sleep apnea in patients with connective tissue diseases, how far the problem?**

Rana El-Helbawy, Mohamed Zamzam, Ibrahim El-Mahallawy, Emad Abd El-Hamid, Dina Al-Sharaki, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Technical aspects, compliance and adherence to PAP in sleep apnoea****Chairs :****Study of factors affecting compliance of continuous positive airway pressure (CPAP) in obstructive sleep apnea-hypopnea syndrome (OSAHS)**

Pratibha Singhal, Yatin Joshi, Gurraunaq Singh, Swapnil Kulkarni, Speaker to be confirmed

**Short term and long term CPAP adherence**

Sema Saraç , Gulgun ç etintas, Ö zlem Oruç , Ö zgü r Bilgin Topç uoglu, Cü neyt Salturk, Murat Kavas, Gö khan Kirbas, Emine Nilgun Ordu, Speaker to be confirmed

**A retrospective observational study of continuous positive airway pressure (CPAP) compliance rates**

Dorothy Price, Jennifer Furlong, Matthew Shaw, Dilwyn Marple-Horvat, Justine Hadcroft, Speaker to be confirmed

**Continuous positive airway pressure (CPAP) adherence rates and influencing factors following acute, traumatic tetraplegia**

Marnie Graco, Rachel Schembri, David J. Berlowitz, Speaker to be confirmed

**OSAS treatment with CPAP: Randomized crossover study comparing tolerance and efficacy with and without humidification**

Marie-Pia D' Ortho, Laurent Boyer, Ala Noroc, Carole Philippe, Maria Stoica, Marie-Amé lie Dalloz, Anny Rouvel, Speaker to be confirmed

**New health risk factors due to continuous airway positive pressure ventilation in sleep apnea - An experimental study in Cluj-Napoca area, Romania**

Andreea Coman, Doina Todea, Speaker to be confirmed

**Factors influencing the level of efficient pressure of continuous positive airway pressure (CPAP) in the treatment of obstructive sleep apnea (OSAS)**

Bironneau Vanessa, Loustouneau Emmanuelle, Pontier Sandrine, Gagnadoux Frederic, Iamandi Carmen, Portel Laurent, Martin Francis, Mallart Anne, Lerousseau Lionel, Alfandary Didier, Levrat Virginie, Portier Florence, Tamisier Renaud, Goutorbe Frederic, Rabec Claudio, Codron Francois, Auregan Guy, Mercy Magalie, Attali Valerie, Soyer Franck, Launois Claire, Recart Didier, Vecchierini Marie-Francoise, Meurice Jean-Claude, Speaker to be confirmed

**Cognitive function was improved after continuous positive airway pressure treatment in obstructive sleep apnea syndrome**

En-Ting Chang, Hsiu-Mei Wang, Speaker to be confirmed

**APAP - Adverse effects and mask comfort**

Luana Barros, Rui Correia, Fernanda Ferreira, Joaquim Gabriel, Marta Drummond, Renato Jorge, Speaker to be confirmed

**Polysomnographic assessment of automatic adjustable vs fixed EPAP intelligent volume assured positive airway pressure support in chronic hypoventilation**

Nigel McArdle, Stuart King, Lisa Erikli, Siobahn Rea, Dinesh Ramanan, Sahisha Ketheeswaran, Jeff Armitstead, Glenn Richards, Bhajan Singh, David Hillman, Peter Eastwood, Speaker to be confirmed

**Influence of nasal or oro-nasal mask on the difference between automatic versus manual detection of residual events in CPAP treated OSAS patients**

Claudio Ciacco, Marco Guglielmo, Fiorella Pacetti, Alice Montanaro, Luana Focaraccio, Luca Zito, Roberto Torchio, Speaker to be confirmed

**Utility of adaptive servoventilation device software in assessing residual respiratory events in the treatment of central apneas**

María Guadalupe Silveira, Gabriel Sampol, Roser Cambrodi, Alex Ferre, María José Jurado, Odile Romero, Patricia Lloberes, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Non-CPAP in obstructive and central sleep apnoea and obesity hypoventilation syndrome**

Chairs :

**Applicability, efficacy and cost effectiveness of sleep apnoea management by an information and communication based technology (ICT). Rationale, design and methods**

Vera Marcela Lugo Arrua, Onintza Garmendia, Anabel Moraleda, Ramon Farré, Gemma Guerrero, Concepción Ruiz, Valentina Isetta, Josep M. Montserrat, Speaker to be confirmed

**Palaeolithic diet and obstructive sleep apnoea in overweight females: A randomised controlled trial**

Karl A. Franklin, Marie Eriksson, Christel Larsson, Bernt Lindahl, Caroline Mellberg, Carin Sahlin, Tommy Olsson, Mats Ryberg, Speaker to be confirmed

**Does sleeve gastrectomy improve obstructive sleep apnea**

Luci Suliman, Dina Aboelkair, Speaker to be confirmed

**Sonographic evaluation of tongue motions during upper-airway stimulation for obstructive sleep apnea**

Benedikt Hofauer, Andreas Knopf, Markus Wirth, Clemens Heiser, Speaker to be confirmed

**Upper airway stimulation for obstructive sleep apnoea: Patient reported outcomes after 48 months of follow-up**

Johan Verbraecken, Winfried Randerath on Behalf of STAR Trial Investigators, Speaker to be confirmed

**Implanted upper airway stimulation device for OSA improves snoring**

Fayez Almutairi, Raymond Cluydts, Marc Willemen, Marijke Dieltjens, Jolien Beyers, Olivier Vanderveken, Paul Van de Heyning, Wilfried De Backer, Johan Verbraecken, Speaker to be confirmed

**Single center experience of selective upper airway stimulation in 45 patients with obstructive sleep apnea**

Clemens Heiser, Markus Wirth, Constanze Gahleitner, Benedikt Hofauer, Speaker to be confirmed

**Adenotonsillectomy revisited: Outcomes in 54 children with sleep disordered breathing after adenotonsillectomy**

Peter Salfeld, Bernhard Rinderer, Benedikt Gerber, Marc Kengelbacher, Degenhard Schwub, Bernd Erkert, Christoph Stüßi, Speaker to be confirmed

**Maxillary advancement as alternative technique in our OSAS cohort**

Marta Garcia Moyano, Amaia Urrutia Gajate, Leyre Serrano Fernandez, Beatriz González Quero, Idoia Salinas Garrido, Carlos Prol Teijeiro, Joan Brunso Casellas, Valentin Cabriada Nuño, Jose Amilibia Alonso, Speaker to be confirmed

**Is the bimaxillary advancement surgery useful in patients with obstructive sleep apnea-hypopnea syndrome(SAHS)?**

Beatriz Martin Garcia, Ana Jaureguizar Oriol, Eva Mañas Baena, Patricia Lazo Meneses, Alicia Albalat, Paola Arrieta Narvaez, Rosa Mirambeaux Villalona, Patricia Castro Acosta, Jose Miguel Eslava Gurrea, Speaker to be confirmed

**Complications of bariatric surgery in morbid obesity in patients with obstructive sleep apnea syndrome**

Maria Jesus Aviles Ingles, Monica Martinez Martinez, Damian Malia Alvarado, Milycen Garrido Cepeda, Maria del Carmen Abellan Martinez, Pedro Mendez Martinez, Juan Francisco Martin, Maria Cristina Contessotto Avilés, Francisco Roman Lopez Andreu, Javier Rodenas Moncada, Speaker to be confirmed

**Maximum pressures from auto-CPAP devices predict oral appliance treatment success in non-adherent obstructive sleep apnoea patients**

Anders Storesund, Anders Johansson, Sverre Lehmann, Speaker to be confirmed

**A randomized controlled trial of a novel sleep surface for treatment of positional sleep apnea**  
Ulysses Magalang, Jesse Mindel, Gary Phillips, Kirsten Emmons, David Ribble, Speaker to be confirmed

**Positional therapy as a treatment for central sleep apnoea: A prospective multicentre trial**  
Linda Benoist, Johan Verbraecken, Hennie Janssen, Nico de Vries, Speaker to be confirmed

**The effect of supplemental oxygen in obesity hypoventilation syndrome**  
M<sup>a</sup> Angeles Sanchez Quiroga, Juan F. Masa, Jaime Corral, Auxiliadora Romero, Candela Caballero, Joaquín Terán-Santos, María L. Alonso-Álvarez, Teresa Gomez-Garcia, Mónica González, Soledad López-Martínez, Pilar De Lucas, José M. Marin, Sergi Martí, Trinidad Díez-Cambresiles, Eusebi Chiner, Miguel Merchan, Carlos Egea, Ana Obeso, Babak Mokhlesi, Speaker to be confirmed

**Delivery of CO<sub>2</sub> by displacement ventilation for the treatment of sleep apnea**  
Francis H.Y. Green, Andrea Chiu, Stefan Dalberg, Grishma Shrestha, Morenike Fadayomi, Cora Pieron, Tamer El Mays, David Nelson, Gareth Lewis, Lalli Gurkeet, Dennis John, Speaker to be confirmed

**HFNC: A new therapeutic approach in patients with chronic heart failure and Cheyne-Stokes breathing**  
Maria Antonietta Mazza, Gianfranco Scotto di Frega, Anna Annunziata, Rosa Cauteruccio, Pasquale Imitazione, Antonella Marotta, Maria Cardone, Giuseppe Fiorentino, Speaker to be confirmed

**Effect of dexamethasone on nocturnal breathing in lowlanders with COPD travelling to 3200m**  
Michael Furian, Mona Lichtblau, Sayaka S. Aeschbacher, Maya Bisang, Alexey Nikiforov, Tsogyal D. Latshang, Silvia Ulrich, Almaz Aldashev, Talant Sooronbaev, Konrad E. Bloch, Speaker to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 1 Clinical

**Chairs** : Chair to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 3 Cell and molecular biology

**Chairs** : Chair to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 5 Airway diseases

**Chairs** : Chair to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 6 Occupation and epidemiology

**Chairs** : Chair to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 7 Paediatrics

**Chairs** : Chair to be confirmed

13:00 - 14:15

Assembly members' meeting: Assembly 9 Allied respiratory professionals

**Chairs** : Chair to be confirmed

13:00 - 14:30

**Lunchtime session: Lung cancer: latest developments in screening and patient management**  
ERS/Lancet joint lunchtime

**Aims** : The aim of this session is to learn about the latest treatments, clinical developments, and thinking in the area of lung cancer screening, management, and treatment.

**Track(s)** : **Oncology**

**Tag(s)** : Clinical

**Target audience** : The session will mostly apply to practicing clinicians, oncologists and pulmonologists, but also policymakers and translational scientists.

**Chairs** : Jean-Paul Sculier (Brussels, Belgium), Chair to be confirmed

- 13:00**      **Lung cancer screening: latest developments and unanswered questions**  
Carlijn Van der Aalst (Rotterdam, Netherlands)
- 
- 13:22**      **New and emerging targeted treatments in advanced lung cancer**  
Speaker to be confirmed
- 
- 13:44**      **Challenges in molecular testing in lung cancer patients with advanced disease**  
Speaker to be confirmed
- 
- 14:06**      **TBC**

13:00 - 14:30

### Lunchtime session: Interstitial lung disease registry New and useful insights from prospective registries across the world

**Aims :** The audience will understand the clinical spectrum of ILDs in different parts of the world; the differences in diagnostic approaches for the same problem in different parts of the world; the clinical management of ILD; and the need to foster a global network to enhance the overall understanding of diagnosis and management of ILD worldwide and provide an unified approach the simple clinical management of patients with ILD.

**Tag(s) :** Clinical, Translational

**Target audience :** Clinicians, healthcare providers, nurses, respiratory therapists, clinical investigators, sponsors, patient advocacy groups and pharma companies.

**Chairs :** Luca Richeldi (Southampton, United Kingdom), Kevin Flaherty (Pinckney, United States of America)

- 13:00**      **ILD registry in Germany: EXCITING-ILD**  
Juergen Behr (Munich, Germany)
- 
- 13:22**      **Quality of life in patients with IPF in Australia**  
Speaker to be confirmed
- 
- 13:44**      **ILD India registry: results from new ILD India Registry data base**  
Ganesh Raghu (Seattle, United States of America)
- 
- 14:06**      **ILD network/registry in the UK**  
Speaker to be confirmed

14:45 - 16:45

### Symposium: New therapies for chronic respiratory infections

**Aims :** The aim of this session is to give the audience a general overview of the new therapies for chronic respiratory infections, including antibiotic therapy for patients with bronchiectasis and the new drugs for non-tuberculous mycobacteria and COPD.

**Track(s) :** [Infection](#)

**Tag(s) :** Translational

**Chairs :** Montserrat Vendrell (Girona, Spain), Timothy Aksamit (Rochester, United States of America)

- 14:45**      **Understanding the concept of chronic infection in the microbiome era**  
Fernando J. Martinez (New York, United States of America)
- 
- 15:15**      **How to tackle anti-microbial resistance**  
Herman Goossens (Edegem, Belgium)
- 
- 15:45**      **Managing chronic infection in COPD patients**  
Menno M. van der Eerden (Rotterdam, Netherlands)
- 
- 16:15**      **The management of non-tuberculous mycobacteria**  
Michael Loebinger (London, United Kingdom)

14:45 - 16:45

### Symposium: Deep phenotyping to improve treatment outcomes in paediatric asthma Bringing -OMICS to the clinic

**Aims :** The aims of the session are to review the state-of-art research on deep phenotyping techniques; describe how deep phenotyping can improve treatment outcomes in childhood asthma; discuss the value of deep phenotyping in clinical practice; and stimulate collaboration between clinicians and basic researchers in this field.

**Track(s) :** Paediatric**Tag(s) :** Translational**Chairs :** Stephen Turner (Aberdeen, United Kingdom), Susanne J. H. Vijverberg (Utrecht, Netherlands)**14:45**      **Epigenomics, transcriptomics, and paediatric asthma**  
Michael Kabesch (Regensburg, Germany)**15:15**      **Breathomics and paediatric asthma**  
Peter J. Sterk (Amsterdam, Netherlands)**15:45**      **Microbiomics and paediatric asthma**  
Speaker to be confirmed**16:15**      **Application of biomarkers and patient characteristics to personalize asthma treatment for children**  
Stanley J. Szeffler (Denver, United States of America)

14:45 - 16:45

**Symposium: Historical landmarks in respiratory medicine: contributions from the UK**  
**Insights from the United Kingdom****Aims :** The overall aim is to discuss some of the key contributions made to respiratory medicine by scientists and clinicians from the United Kingdom.**Tag(s) :** Clinical**Chairs :** Roberto Rodriguez-Roisin (Barcelona, Spain), Maria Gabriela Belvisi (London, United Kingdom)**14:45**      **History of asthma research**  
Anthony Seaton (Edinburgh, United Kingdom), Speaker to be confirmed**15:15**      **Respiratory physiology**  
Michael B. Hughes (London, United Kingdom)**15:45**      **Tuberculosis therapy**  
Paul Nunn (London, United Kingdom)**16:15**      **Treatment of airway disease**  
Peter J. Barnes (London, United Kingdom)

14:45 - 16:45

**Symposium: Driving and sleepiness**  
**ESRS/ERS joint symposium****Aims :** This symposium is aimed at those who work in the area of sleepiness as a driving risk and those implementing the evidence-based guidelines in clinical practice. The symposium will describe the advances in this field and the implications of the new EU Directive for practical and medico-legal issues in Europe.**Track(s) :** Sleep**Target audience :** Sleep specialists, and technologists.**Chairs :** Winfried J. Randerath (Solingen, Germany), Maria Bonsignore (Palermo, Italy)**14:45**      **Assessing sleepiness**  
Speaker to be confirmed**15:15**      **Sleepiness and driving: risks and epidemiology**  
Jim Horne (Loughborough, United Kingdom)**15:45**      **Sleep apnoea syndrome and the EU Directive**  
Walter McNicholas (Dublin, Ireland)**16:15**      **Post-continuous positive airways pressure (CPAP) sleepiness**  
Renata L. Riha (Edinburgh, United Kingdom)

14:45 - 16:45

**Symposium: Updating on electronic nicotine delivery systems (ENDS) or e-cigarettes**

**Aims :** To update evidence on prevalence and characteristics of e-cigarette experimenters and users; their reasons to consume these products; as well as the awareness, perceived harmfulness and beliefs and attitudes on e-cig. To update evidence and discuss whether the use of electronic cigarettes in smokers is associated with smoking cessation attempts, cessation and reduced cigarette consumption; to update and review evidence on health effects of e-cigarettes: animal studies and experimental laboratory studies regarding acute effects on humans; and case reports of intoxication and respiratory disease; to discuss the challenging issues regarding conducting research on the long term exposures and potential human health effects of the use of e-cigarettes while the duration of exposure is a major determinant of health hazards; To discuss the harm reduction perspective and the public health impact on e-cigarette use.

**Track(s) :** **Epidemiology / Environment** **Oncology**

**Tag(s) :** Clinical

**Chairs :** Francesco Blasi (Milan, Italy), Bo Lundback (Gothenburg, Sweden), Chair to be confirmed

**14:45** **Epidemiology of e-cigarette use. Health effects of e-cig**  
Speaker to be confirmed

**15:15** **E-cigarette as the first step into long term addiction**  
Paraskevi Katsaounou (Athens, Greece), Speaker to be confirmed

**15:45** **E-cigarette as a cessation treatment?**  
Carlos Andres Jimenez Ruiz (Madrid, Spain)

**16:15** **European regulation on e-cigarette.**  
Constantine Vardavas (Heraklion, Greece)

14:45 - 16:45

### Grand round: Scientific Grand Round: precision medicine an interactive session

**Aims :** The aim of this grand round is to discuss how recent scientific findings can be used and applied for precision medicine in clinical practice. During this Grand Round, different disease areas will be present and highlight the potential implications, as well as, limitations for stratified medicine thus enabling cross-communication. The audience will be engaged and best practices examples will be discussed.

**Tag(s) :** Translational

**Target audience :** Clinician, scientist.

**Chairs :** Melanie Koenigshoff (Munich, Germany), Bruno Crestani (Paris, France), Chair to be confirmed

**14:45** **Genetics in idiopathic pulmonary fibrosis**  
David A. Schwartz (Denver, United States of America)

**15:15** **Immune checkpoint inhibitors in lung cancer**

**15:45** **Combined treatment in pulmonary hypertension**  
Marc Humbert (Paris, France)

**16:15** **Phenotyping asthma/COPD overlap syndrome**  
Donald Sin (Vancouver, Canada), Speaker to be confirmed

14:45 - 16:45

### Hot topics: Air pollution and effects on lung health

**Aims :** The aims of this session is to update the information on impacts of global climate change and air pollution on cardiopulmonary health, and to discuss the various aspects of the subject. At end of the symposium the audience will know the current status of global climate change variables, the interaction with air pollutants and aeroallergens, and cardiopulmonary impacts, how basic research workers may become more involved in addressing cardiopulmonary health issues associated with global climate change and related factors on cardiopulmonary health and about tools to address climate change in the treatment of patients and those suffer.

**Track(s) :** **Epidemiology / Environment**

**Tag(s) :** Translational

**Target audience :** Allergologist, Allied health professional, Cardiologist, Clinician, Emergency medicine doctor, Epidemiologist, Fellow, General practitioner, Immunologist, Junior member, Microbiologist, Occupational therapist, Paediatrician, Patient, Pharmaceutical industry representative, Physiologist, Public health official, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, TB specialist, Trainee

**Chairs :** Frank J. Kelly (London, United Kingdom), Hasan Bayram (Gaziantep, Turkey)

**14:45** **Air pollution and interactions with aeroallergens**  
Speaker to be confirmed

**15:10** **Local environmental and seasonal changes: implications for viral infection in the lung**  
Speaker to be confirmed

15:35 **The effect of air pollution and temperature on COPD**  
Nadia Hansel (Baltimore, MD, United States of America)

16:00 **Engineered nanoparticles and lung health**  
Terry Tetley (London, United Kingdom)

16:25 **Workshop Report (ERS Task Force) "Household Air Pollution from Solid Fuel Combustion Smoke and Global Health Equality"**  
Speaker to be confirmed

14:45 - 16:45

## Poster Discussion: ILD pathogenesis

### Chairs :

**Role of MUC1 in idiopathic pulmonary fibrosis**

Beatriz Ballester, Javier Milara, Celia Sanz, Sonia González, Ricardo Guijarro, Cecilia Martínez, Julio Cortijo, Speaker to be confirmed

**New IL-1 family IL-38 is highly expressed in alveolar cells of drug-induced lung injury and idiopathic pulmonary fibrosis**

Masaki Tominaga, Masaki Okamoto, Takashi Kinoshita, Yuki Sakazaki, Masanobu Matsuoka, Shinjiro Kaieda, Tomoaki Hoshino, Speaker to be confirmed

**Nintedanib reduces fibrotic markers in the lung in a model of rheumatoid arthritis associated interstitial lung disease**

Elizabeth Redente, Martin Aguilar, Luc Lalire, Benjamin Edelman, Lutz Wollin, David Riches, Speaker to be confirmed

**Cultivating bronchial epithelial cells collected through bronchoscopic microsampling in patients with interstitial lung disease**

Nicolas Kahn, Michael Meister, Ralf Eberhardt, Thomas Muley, Marc Schneider, Felix J.F. Herth, Michael Kreuter, Speaker to be confirmed

**Combining immunostaining with micro-computed tomography to visualise the 3D distribution of mast cells in idiopathic pulmonary fibrosis**

Ahmad Elmansouri, James Cairns, Philipp Schneider, Ian Sinclair, Luca Richeldi, Peter Lackie, Mark G. Jones, Jane A. Warner, Speaker to be confirmed

**IGFBP-2 a new interesting target in IPF**

Julien Guiot, Monique Henket, Benjamin Bondue, Jean-Louis Corhay, Renaud Louis, Speaker to be confirmed

**Nintedanib and pirfenidone inhibit collagen synthesis and maturation at several regulatory levels**

Larissa Knüppel, Yoshihiro Ishikawa, Michaela Aichler, Katharina Heinzelmann, Rudolf Hatz, Jürgen Behr, Axel Walch, Hans Peter Bächlinger, Oliver Eickelberg, Claudia A. Staab-Weijnitz, Speaker to be confirmed

**17(R)-resolvinD1 improves MMP-9/TIMP-1 imbalance leading to amelioration of pulmonary fibrosis in mice**

Masakiyo Yatomi, Takeshi Hisada, Yoshimasa Hachisu, Yasuyuki Saito, Hiroaki Tsurumaki, Yosuke Kamide, Haruka Aoki-Saito, Yasuhiko Koga, Akihiro Ono, Kunio Dobashi, Tamotsu Ishizuka, Masanobu Yamada, Fumikazu Okajima, Speaker to be confirmed

**Mesenchymal stem cells and conditioned medium in myofibroblast modulation and collagen production in vascular adventitia and parenchyma of experimental pulmonary fibrosis model**

Renato Goncalves Felix, Ana Livia Carvalho Bovolato, Patricia Santos Leão, Amanda Luisa dos Santos, Ana Paula Pereira Velosa, Walcy Rosolia Teodoro, Elenice Deffune, Alexandre Todorovic Fabro, Vera Luiza Capelozzi, Speaker to be confirmed

**Confocal laser endomicroscopy: Identification and quantification of the alveolar compartment**

Lizzy Wijmans, Daniel M. de Bruin, Peter I. Bonta, Rene E. Jonkers, Joris J.T.H. Roelofs, Inge A.H. van den Berk, Jouke T. Annema, Speaker to be confirmed

**Natural killer and natural killer T-like cells in bronchoalveolar lavage fluid and peripheral blood in diffuse lung diseases**

Eva Padrão, Oksana Sokhatska, Mariela Beltrão, Carmo Palmares, Patrícia Caetano Mota, Natália Melo, António Morais, Luís Delgado, Speaker to be confirmed

**Club cell secretory protein-CC16 is increased in idiopathic pulmonary fibrosis**

Ivette Buendía Roldán, Patricia Sierra, Eduardo Montes, Victor Ruiz, Mario H. Vargas-Becerra, Mayra Mejía, Annie Pardo, Moises Selman, Speaker to be confirmed

**B-cell infiltration varies among patients with interstitial lung diseases**

Luis ARVELO CASTRO, Virginia Van Keulen, Mohamed Ali, Marie Christine Aubry, Tobias Peikert, Eva M Carmona, Speaker to be confirmed

**Alveolar lymphocytes (AL) in healthy individuals are mostly effector T cells. The flow cytometry (FC) lesson for interstitial lung diseases (ILD) evaluation**

Piotr Kopinski, Ewa Wypasek, Andrzej Dyczek, Joanna Golinska, Tomasz Wandtke, Adam Szpechcinski, Joanna Chorostowska-Wynimko, Speaker to be confirmed

**Studies on apoptosis of alveolar lymphocytes (AL) in exogenous allergic alveolitis (EAA)**

Piotr Kopinski, Grzegorz Przybylski, Andrzej Dyczek, Ewelina Wedrowska, Joanna Golinska, Adam Szpechcinski, Joanna Chorostowska-Wynimko, Speaker to be confirmed

**Usefulness of anti-Ro52 antibodies in the BAL of the patients with ILDs. Pilot study**

Karina Portillo Carroz, Iñaki Salvador-Corres, Eva Martínez-Cáceres, Carmen Centeno-Clemente, Aina Teniente-Serra, Juan Ruiz-Manzano, Alejandro Olivé-Marques, Speaker to be confirmed

**Does Rosemary leaves extract can attenuate lung injury in experimental pulmonary fibrosis in rats?**

Sana Bahri, Ridha Ben Ali, Khaoula Gasmi, Mona Mlika, Saloua Fazaa, Riadh Ksouri, Raja Serairi, Saloua Ben Khamsa, Speaker to be confirmed

**Tumor necrosis factor-alpha and CD4/CD8 ratio in patients with hypersensitivity pneumonitis**

Alaa Rashad Mahmoud, Asmaa Nafady, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: New insights for noninvasive ventilation: between dream and reality**

Chairs :

**Non invasive positive pressure ventilation for reducing exacerbation in very severe chronic obstructive pulmonary disease (COPD)**

Oliver Perez-Bautista, Alejandra Ramírez Venegas, Monica Velazquez Uncal, Rafael Hernandez-Zenteno, Fernando Flores-Trujillo, Alejandra Velazquez-Montero, Raul H. Sansores, Speaker to be confirmed

**Outcome of high-flow nasal cannula for acute hypoxemic respiratory failure due to pneumocystis pneumonia**

Won-Young Kim, Heungsup Sung, Sang-Bum Hong, Chae-Man Lim, Younsuck Koh, Jiwon Lyu, Jin Won Huh, Speaker to be confirmed

**Behavior of home ventilators using two different conditions of airway obstruction**

Mario Nicolas Albani Perez, Laura Anoro Abenoza, Joaquín Costá in Galicia, Speaker to be confirmed

**Short-term effects, long-term compliance and admissions in patients with obesity hypoventilation syndrome under noninvasive mechanical ventilation**

Tiago Pinto, Vanessa Santos, Marta Drummond, Miguel R. Gonçalves, Speaker to be confirmed

**Telemonitoring to optimise care in motor neurone disease: A pilot study**

Helen Ashcroft, Hikari Ando, Bis Chakrabarti, Robert Angus, Rob Hallhead, Rosanna Cousins, Speaker to be confirmed

**Mask pressure effects on the nasal bridge during noninvasive ventilation: Impact of mask design, ventilator settings and body position**

Anne-Kathrin Brill, Rachel Pickersgill, Mohammad Mogal, Mary J. Morrell, Anita K. Simonds, Speaker to be confirmed

**Outcome of non-invasive domiciliary ventilation in elderly patients**

Jacinto Hernandez Borge, María del Carmen García García, María José Antona Rodríguez, Amparo Sanz Cabrera, Pedro Pires Gonçalves, Isabel Asschert Aguero, Miguel Benitez-Cano Gamonoso, Jose Antonio Gutierrez Lara, Ignacio Rodriguez Blanco, Pilar Cordero Montero, Ana Castañar Jover, Francisca Lourdes Marquez Perez, Speaker to be confirmed

**The efficacy of high-flow nasal cannulae oxygen therapy in severe acute exacerbation of chronic obstructive pulmonary disease: A randomized controlled trial**

Myoung Kyu Lee, Sang-Ha Kim, Won-Yeon Lee, Suk Joong Yong, Seok Jeong Lee, Ye-Ryung Jung, Speaker to be confirmed

**Inpatient transfer for commencement of home NIV: Does a proforma improve practice?**

Karen Ward, Helen Ashcroft, Verity Ford, Sara Wordingham-Baker, Robert Angus, Biswajit Chakrabarti, Nick Duffy, Robert Parker, Speaker to be confirmed



**Chronic obstructive pulmonary disease admitted to an intensive care unit because of acute respiratory failure: How do severity of acidosis effect short and long term mortality?**

Feyza Kargin, Ilim Irmak, Fulya Çiyiltepe, Sinem Güngör, Eylem Acartürk, Huriye Berk Takir, Pinar Atagün Güneş, Özlem Yazicioglu Moçgin, Nalan Adigüzel, Zuhal Karakurt, Speaker to be confirmed

**Non-invasive ventilation simulation session outcomes in healthcare professionals**

Sarah Stewart, Alina Hua, Ashling Lillis, Jonny Coppel, Terry O'Shaughnessy, Vladimir Macavei, Speaker to be confirmed

**Effects of continuous positive airway pressure on arterial stiffness and oxidative stress in patients with obstructive sleep apnoea**

Ivana Trojova, Miriam Kozarova, Darina Petrasova, Zuzana Malachovska, Ivana Paranicova, Ivan Tkac, Pavol Joppa, Pavol Pobeha, Ruzena Tkacova, Speaker to be confirmed

**Non-invasive ventilation (NIV) setup for COPD-OSA overlap syndrome: Is polysomnography (PSG) useful?**

Maxime Patout, Gill Arbane, Jean-Francois Muir, Antoine Cuvelier, Nicholas Hart, Patrick Brian Murphy, Speaker to be confirmed

**Predictors of mortality for patients with obesity-related respiratory failure treated with nocturnal non-invasive ventilation**

Chathika Weerasuriya, Dariusz Wozniak, Syed Huq, Michael Davies, Speaker to be confirmed

**Efficacy of prophylactic CPAP on the immediate postoperative incidence of atelectasis/pneumonia after lung resection surgery**

Laura Rarmirez Garcia, Javier de Miguel Díez, Ignacio Garutti, Javier Sayas, Eloisa López, Diego Parise, Enrique Alday, Luis Puente Maestu, Speaker to be confirmed

**CPAP to treat obstructive sleep apnoea (OSA) in children with Down syndrome (DS)**

Jasneek Chawla, Caitlin Forwood, Helen Heussler, Speaker to be confirmed

**Non-invasive ventilation (NIV) in Duchenne muscular dystrophy : A review of 17 years of practice**

Victoria Beesley, Helen Molloy, Mark W. Elliott, Dipansu Ghosh, Speaker to be confirmed

**Possible risk factors for early and late NIV failure**

Begüm Ergan, Recai Ergun, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Prevalence, prognosis and risk factors of COPD**

Chairs :

**Respiratory effects of cannabis smoking: A literature review**

Luis Ribeiro, Philip Ind, Speaker to be confirmed

**CAT-score is a predictor for mortality in COPD**

Gunnar Husebø, Rebecka My Köll, Andreas Fleten Nielsen, Kristin Mestad, Agathe Krekvik Govertsen, Birger Norderud Lærum, Speaker to be confirmed

**Risk of myocardial infarction (MI) associated with acute exacerbations of COPD (AECOPD): Effects of exacerbation frequency**

Kieran Rothnie, Hana Müllerová, Liam Smeeth, Neil Pearce, Ian Douglas, Jennifer Quint, Speaker to be confirmed

**Relationship between endothelial dysfunction and GOLD stage in patients with COPD**

Carlos Cíntora, Rafael Díez, Dulce Gonzalez, Arturo Orea, Brenda Santellano, Juan Pineda, Rocío Sánchez, Edna Contreras, Viridiana Peláez, Raúl Herrera, Óscar Infante, Roberto Martínez, Elisa Pérez, Gerardo Leija, Humberto Sansores, Fernando Trujillo, Speaker to be confirmed

**Marijuana smoking: Health and socioeconomic impact in middle-aged and elderly adults**

Wan Cheng Tan, Liyun Zheng, Jean Bourbeau, Don Sin, James Hogg, Denis O'Donnell, Francois Maltais, Robert Cowie, Kenneth Chapman, Paul Hernandez, Darcy Marciniuk, Mark Fitzgerald, Shawn Aaron, Speaker to be confirmed

**Impact of heart disease on hand grip strength in COPD**

Viktor Johansson Strandkvist, Caroline Stridsman, Helena Backman, Jenny Röding, Anne Lindberg, Speaker to be confirmed

**Differences in the disease phenotype and comorbidities between patients with COPD and alpha-1-antitrypsin deficiency - An analysis of the COSYCONET cohort**

Sebastian Fährhndrich, Frank Biertz, Henrik Watz, Tobias Welte, Annika Karch, Armin Koch, Hans-Ulrich Kauczor, Rudolf Jörres, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

**Intrauterine exposures in the ECRHS cohort increase the risk of COPD in smokers**

Caroline Lodge, Francisco Real, Julia Dratva, John Burgess, Jennifer Perret, Shyamali Dharmage, Cecilie Svanes, Speaker to be confirmed

**Modelling the long-term effects of an active case finding programme for undiagnosed COPD**

Tosin Lambe, Rachel Jordan, Peymane Adab, David Fitzmaurice, Sue Jowett, Alexandra Enocson, Speaker to be confirmed

**A comparison of the ADO, BODE and DOSE scores for predicting respiratory hospitalisations in a primary care COPD cohort**

Andy Dickens, Rachel Jordan, Alexandra Enocson, David Fitzmaurice, Alice Sitch, Peymane Adab, Speaker to be confirmed

**Modeling future COPD epidemiology**

Nicolas Roche, Caroline Laurendeau, Chantal Raheison, Claire Fuhrman, Pierre-Régis Burgel, Speaker to be confirmed

**15-Year mortality after hospitalization for COPD in a Dutch teaching hospital: Preliminary data from the MORTCOP cohort**

Pauline van Hirtum, Roy Sprooten, Jan van Noord, Martijn de Kruif, Monique van Vliet, Speaker to be confirmed

**COPD in northern Sweden 1994-2009: Less under-diagnosis and altered risk factor pattern**

Berne Eriksson, Helena Backman, Eva Rönnmark, Linnea Hedman, Caroline Stridsman, Sami Sawalha, Sven-Arne Jansson, Anne Lindberg, Bo Lundbäck, Speaker to be confirmed

**Diagnostic characteristics of questionnaires for identification of obstructive lung disease**

Bruno P.P. Housset, Loredana Doru, Amel Boudjemaa, Ikram Ben Hassen, Gilles Mangiapan, Zaccharia Saakashvili, Sylvie Jerome, Véronique Saméon, Laurent Boyer, Frédéric Schlemmer, Bernard Maitre, Speaker to be confirmed

**Changes in FEV1 over 8 years in COPD**

Per Sigvald Bakke, Jørgen Vesbo, Emiel Wouters, William MacNee, David Lomas, Peter Calverley, Wisia Wedzicha, Joan Sauleदार, Dave Singh, Julie Yates, Ruth Tal-Singer, Bruce Miller, Nicholas Locantore, Speaker to be confirmed

**External validation of exacerbation and mortality outcomes of health economic decision models for COPD**

Martine Hoogendoorn, Talitha Feenstra, Yumi Asukai, Andrew Briggs, Ryan Hansen, Reiner Leidl, Nancy Risebrough, Yevgeniy Samyshkin, Margarethe Wacker, Maureen Rutten-van Mölken, Speaker to be confirmed

**Out-patient combination therapy with inhaled corticosteroids and bronchodilators is associated with lower in-hospital mortality in pneumonia in patient with COPD**

Yasuhiro Yamauchi, Hideo Yasunaga, Wakae Hasegawa, Hideyuki Takeshima, Yukiyo Sakamoto, Taisuke Jo, Hiroki Matsui, Takahide Nagase, Speaker to be confirmed

**Residential radon and COPD. An ecological study in Galicia, Spain**

María Torres-Durán, Raquel Barbosa-Lorenzo, Rebeca Ramis, Nuria Aragonés, Consuelo Carballeira-Roca, Alberto Fernandez-Villar, Gonzalo Lopez-Abente, Juan Miguel Barros-Dios, Alberto Ruano-Ravina, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Highlights in primary ciliary dyskinesia and asthma in childhood**

Chairs :

**Mutational screening in Italian patients with primary ciliary dyskinesia by next-generation sequencing (NGS)**

Deborah Snijders, Francesca Boaretto, Cecilia Salvo, Angelo Barbato, Giovanni Vazza, Speaker to be confirmed

**Effective patient selection for PCD diagnostics; the PICADAR score with nasal nitric oxide**

Samuel Collins, Laura Behan, Kerry Gove, Amanda-Lea Harris, Jane Lucas, Speaker to be confirmed

**Introducing immunofluorescence as a diagnostic tool for primary ciliary dyskinesia**

Janice Coles, Patricia Goggin, James Thompson, David A. Johnston, Suzanne E. Brooks, Jane S. Lucas,  
Speaker to be confirmed

**Prevalence of primary ciliary dyskinesia among patients referred for specialized testing: A systematic review and meta-analysis**

Panayiotis Kouis, Panayiotis Yiallourous, Stefania Papatheodorou, Speaker to be confirmed

**Changes in height and BMI in children and adolescents with primary ciliary dyskinesia (PCD) during the growth period: An iPCD cohort study**

Myrofora Goutaki, Florian Halbeisen, Philipp Latzin, Elisabeth Maurer, Carmen Casaulta, Suzanne Crowley, Eric Haarman, Jane S. Lucas, Lucy Morgan, Kim G. Nielsen, Francesca Santamaria, Nico Schwerk, Guillaume Thouvenin, Panayiotis Yiallourous, Alban Ramette, Claudia E. Kuehni, Speaker to be confirmed

**Lung function and nutritional status in children with cystic fibrosis and primary ciliary dyskinesia**

Woolf Walker, Amanda Harris, Bruna Rubbo, Victoria Keenan, Amanda Friend, Sarah Payne, Judi Maddison, Caroline Yonge, Catherine Crocker, Tricia McGinnity, Teresa Curbishley, Kerry Gove, Sian Phillips, Julian Legg, Hazel Evans, Jane Lucas, Gary Connett, Speaker to be confirmed

**Evaluating a method for diagnosing PCD in countries of limited resources; an ERS fellowship**

Nisreen Rumman, Claire Jackson, Bruna Rubbo, Janice Coles, James Thompson, Jane S. Lucas, Speaker to be confirmed

**Presenting features in primary ciliary dyskinesia vary with age**

Charles Beresford, Laura Behan, Jane Lucas, Samuel Collins, Speaker to be confirmed

**Knowledge of alpha-1 deficiency and primary ciliary dyskinesia by medical students and health professionals**

M. Angeles Requena, Francisco Dasí , Rafael Barajas, Silvia Castillo, Olga Benavent, Amparo Escribano,  
Speaker to be confirmed

**Risk for asthma exacerbations in association with variations in the genes coding for the glutathione S-transferase family**

Stephen Turner, Ben Francis, Susanne Vijverberg, Maria Pino-Yanes, Annke-Hilse Maitland-van der Zee, Roger Tavendale, Esteban Burchard, Somnath Mukhopadhyay, Colin Palmer, Speaker to be confirmed

**Factors determining persistence of childhood persistent wheeze into young adulthood**

Ramesh J. Kurukulaaratchy, Claire Hodgekiss, Graham Roberts, Maria Larsson, Frances Mitchell, S. Hasan Arshad, Speaker to be confirmed

**Early-life respiratory tract infections and risk of lower lung function and asthma at school-age. The generation R study**

Evelien van Meel, Herman T. den Dekker, Niels J. Elbert, Henriëtte A. Moll, Irwin K. Reiss, Johan C. de Jongste, Vincent W.V. Jaddoe, Liesbeth Duijts, Speaker to be confirmed

**Measuring lung function in asthmatic children: A spirometry and forced oscillation technique (FOT) comparison**

Giovanna Cilluffo, Salvatore Fasola, Velia Malizia, Giuliana Ferrante, Laura Montalbano, Marco Montalbano, Giovanni Viegi, Stefania La Grutta, Speaker to be confirmed

**Latent class identification in wheezing preschool children**

Salvatore Fasola, Giovanna Cilluffo, Velia Malizia, Giuliana Ferrante, Laura Montalbano, Marco Montalbano, Giovanni Viegi, Stefania La Grutta, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Paediatric bronchology**

Chairs :

**Tracheostomy in children: A single center outcome results**

Tuba Kockar, Sifa Sahin, Mehmet Gunduz, Sedat Oktem, Speaker to be confirmed

**Clinical and spirometric follow-up from 4 to 9 years after lobectomy for congenital lung malformations in children**

Andrea Farolfi, Alessandra Zenga, Chiara Bersanini, Giulia Cammi, Sara Costanzo, Giovanna Riccipetoni, Gian Vincenzo Zuccotti, Speaker to be confirmed

**The indications and role of paediatric bronchoscopy in a middle income country, with high incidence of pulmonary tuberculosis and HIV**

Pierre Goussard, Irwin Webster, Robert Gie, Speaker to be confirmed

**Misdiagnosed asthma may mask the bronchiolitis obliterans**

Ayse Tana Aslan, Tugba Sismanlar, Sevgi Pekcan, Mehmet Kose, Isil Irem Budakoglu, Bahar Göktürk, Speaker to be confirmed

**Airway stenting as a salvage procedure in a child with a lethal spondyloepiphyseal dysplasia congenita: 13 years follow-up**

Paola Serio, Raffaella Nenna, Marco Di Maurizio, Roberto Leone, Roberto Baggi, Laura Petrarca, Lorenzo Mirabile, Fabio Midulla, Speaker to be confirmed

**Clues in interstitial lung disease in children (chILD)**

Deborah Snijders, Elena de Col, Angelo Barbato, Speaker to be confirmed

**Whole-lung lavage in a toddler. Technical challenges and solutions**

Ignacio Iglesias, Nuria Montferrer, Rosario Nuno, Silvia Gartner, Ines Mir, Alba Torrent, Antonio Moreno, Speaker to be confirmed

**Did the introduction of pneumococcal vaccination in Italy change the BAL positive cultures in children with chronic lung diseases?**

Deborah Snijders, Susanna Masiero, Liviana Da Dalt, Angelo Barbato, Speaker to be confirmed

**Prenatally diagnosed congenital cystic adenomatoid malformation (CCAM) and pulmonary sequestration (PS): Long-term follow-up of 119 cases**

James Cook, Lyn S. Chitty, Paolo De Coppi, Michael Ashworth, Colin Wallis, Speaker to be confirmed

**Aspergilloma of the lung in an adolescent with actinomyces infection**

Milan Rodic, Predrag Minic, Speaker to be confirmed

**Foreign bodies in airways in children in Albania. Ten years data**

Melpomeni Bizhga, Bledi Nini, Klevis Thomai, Speaker to be confirmed

**When should we perform flexible bronchoscopy in children with recurrent lower respiratory tract infections (RLTI)?**

Amany Touil, Anissa Berraies, Besma Hamdi, Ines Moussa, Jamel Ammar, Agnes Hamzaoui, Speaker to be confirmed

**Complications of elective flexible bronchoscopy in children with tracheal abnormalities**

Madhavan Ramaswamy, Michiel Vriesendorp, Clare McLaren, Derek Roebuck, Richard Hewitt, Nagarajan Muthialu, Martin Elliott, Speaker to be confirmed

**Airway hemangiomas: Multicenter outcome results**

Tuba Kockar, Nilay Ikizoglu, Emine Atag, Yasemin Gökdemir, Zeynep Seda Uyan, Sedat Oktem, Speaker to be confirmed

**Removal of airway foreign bodies with flexible bronchoscopy: Non-standardized methods**

Hasan Yüksel, Ozge Yilmaz, Yurda Simsek, Arzu Acikel, Speaker to be confirmed

**Airway endoscopy is an important tool in children with atypical croup**

Andreas Pflieger, Manfred Modl, Ernst Eber, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Quality management and quality of life in lung cancer****Chairs :****Perception of the disease and its impact on life in lung cancer patients**

Silvija Zemnickiene, Rasa Gauronskaite, Ruta Kibarskyte, Vaida Gedvilaite, Edvardas Danila, Speaker to be confirmed

**Breathlessness-inducing exercise in advanced cancer populations. Which measures to use as functional status declines?**

Kahren White, Meera Agar, David Currow, Speaker to be confirmed

**Updating the EORTC questionnaire for assessing quality of life in lung cancer patients (EORTC QLQ-LC13)**

Christian Klaus Jochen Schulz, Ayje Himpel, Hans-Stefan Hofmann, Michael Koller, Speaker to be confirmed

**Distress thermometer in lung cancer patients**

Lekka Dimitra, Aggeliki Rapti, Dimitra Karkania, Argyri Evmolpidi, George Moussas, Athanasios Karkanias, Speaker to be confirmed

**Influence of anxiety and depression on one-year survival in lung cancer patients**

Tomi Kovacevic, Bojan Zaric, Darijo Bokan, Jelena Stanic, Branislav Perin, Speaker to be confirmed

**Positive effect of MusiCure on patients undergoing bronchoscopy - A randomized controlled trial**

Elisabeth Jeppesen, Carsten Miché l Pedersen, Klaus Richter Larsen, Anne Rehl, Karen Bartholdy, Vibeke Backer, Speaker to be confirmed

**Nutrition and lung cancer**

Choubi Mariem, Elkhatabi Wiam, Jabri Hasna, Afif Hicham, Speaker to be confirmed

**Sleep disturbances in patients with lung cancer in Turkey**

Yilmaz Bü l b ü l, Tevfik Ozlu, Sibel Arinc, Berna A. Ozyurek, Hulya Gunbatar, Aysegul Senturk, Ayse Bahadir, Melike Ozcelik, Ufuk Yilmaz, Makbule O. Akbay, Leyla Saglam, Talat Kilic, Gamze Kirkil, Neslihan Ozcelik, Dursun Tatar, Serap A. Baris, Durdu M. Yavsan, Hadice S. Sen, Serdar Berk, Murat Acat, Gulfidan Cakmak, Perran F. Yumuk, Yavuz S. Intepe, Umran Toru, Sibel O. Ayik, Ilknur Basyigit, Sibel Ozkurt, Levent C. Mutlu, Zehra A. Yasar, Hidir Esme, Mehmet M. Erol, Ozlem Oruc, Yurdanur Erdogan, Selvi Asker, Arife Ulas, Serhat Erol, Bugra Kerget, Ahmet E. Erbaycu, Turgut Teke, Mehmet Besiroglu, Huseyin Can, Ayse Dalli, Fahrettin Talay, Speaker to be confirmed

**Feasibility of smoking cessation services for patients with lung cancer; a patient centred approach**

Rachel Roberts, Keir Lewis, Speaker to be confirmed

**Retrospective review of a novel clinical service and pathway for patients with pulmonary nodules**

Georgia Hardavella, Anum Azhar, Apheera Hussain, Sujal R. Desai, Speaker to be confirmed

**Development of a pulmonary nodule service & clinical pathway: A pragmatic approach addressing an unmet need**

Georgia Hardavella, Sujal Desai, Speaker to be confirmed

**An assessment of nurse led follow up of pulmonary nodules**

Paul O' Donnell, Fiona O' Brien, Lesley Valentine, Carol Telford, Speaker to be confirmed

**Validating an EBUS service provided by a group of operators with different levels of experience**

Julian Ting, Elankumaran Paramasivam, Speaker to be confirmed

**A temporal increase in referrals to a two-week wait lung cancer clinic is not explained by an increase in inappropriate referrals**

Benjamin Diggins, Louise Anning, Sandra Pope, Sally Tapp, Bip D. Patel, Speaker to be confirmed

**PET-CT – Does it make a difference?**

Ameeka Thompson, Andrew Low, Vidan Masani, Speaker to be confirmed

**Locally advanced and metastatic lung cancer management delay: Tunisian department experience**

Rana Fessi, Besma Ourari, Jihen B. Amar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouina, Speaker to be confirmed

**Delay in diagnosis and management of lung cancer in developing countries**

Imen Bachouch, Chaima Habouria, Soumaya Agrebi, Fatma Chermiti, Sofia Taktak, Soraya Fenniche, Speaker to be confirmed

**Reducing delays in lung cancer diagnostic pathways to improve patient experience**

Emma Crawford, George Collins, Zeeshan Mustafa, Geraint Owen, Javed Ibrahim, Shahul Khan, Imran Hussain, Mohammed Haris, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Recent high impact findings in COPD comorbidities**

Chairs :

- |       |   |
|-------|---|
| 14:45 | <b>Visual estimate of coronary artery calcium predicts cardiovascular disease in COPD</b><br>Surya Bhatt, Ella Kazerooni, John Newell, John Hokanson, Matthew Budoff, Chandra Dass, Sandeep Bodduluri, Francine Jacobson, Andrew Yen, Mark Dransfield, Carl Fuhrman, Joseph Tashjian, Hrudaya Nath, Speaker to be confirmed |
| 15:00 | <b>Incidence and clinical characteristics of lung cancer in patients with COPD - From Hokkaido COPD cohort study</b><br>Mineyoshi Sato, Masaru Suzuki, Hironi Makita, Satoshi Konno, Kaoruko Shimizu, Hiroki Kimura, Hirokazu Kimura, Masaharu Nishimura, Speaker to be confirmed   |
| 15:15 | <b>Non-alcoholic fatty liver disease (NAFLD): A new mechanism for co-morbidities in chronic obstructive pulmonary disease (COPD)?</b><br>Damien Viglino, Ingrid Jullian-Desayes, Renaud Tamisier, Marion Perrin, Maxime Maignan, Marie Joyeux-Faure, Jean-Louis Pepin, Speaker to be confirmed                              |

- 15:30** **Prognostic impact of chronic obstructive pulmonary disease in severe symptomatic aortic stenosis**  
Marzia Rigolli, Andrea Rossi, Pierluigi Temporelli, Giovanni Benfari, Giovanni Cioffi, Stefano Nistri, Nicola Gaibazzi, Federica Guidetti, Corrado Vassanelli, Marco Metra, Luigi Tavazzi, Pompilio Faggiano, Speaker to be confirmed
- 15:45** **Role of soluble  $\alpha$ -klotho on lung and skeletal muscle function in chronic obstructive pulmonary disease**  
Yuko Kureya, Hiroshi Kanazawa, Naoki Ijiri, Tetsuya Watanabe, Yoshihiro Tochino, Kazuhisa Asai, Kazuto Hirata, Speaker to be confirmed
- 16:00** **Association of angiotensin-like protein 4 with cardiovascular function in patients with COPD**  
Benjamin Waschki, Anne Kirsten, Olaf Holz, Thorsten Meyer, Ralf Lichtinghagen, Klaus Rabe, Helgo Magnussen, Tobias Welte, Henrik Watz, Sabina Janciauskiene, Speaker to be confirmed
- 16:15** **Contractile capability of diaphragm assessed by ultrasonography correlate with nocturnal oxygen saturation in COPD**  
Kazuki Okura, Masahiro Iwakura, Atsuyoshi Kawagoshi, Keiyu Sugawara, Hitomi Takahashi, Takeshi Kashiwagura, Mitsunobu Homma, Masahiro Satake, Takanobu Shioya, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Novel approaches for pulmonary rehabilitation in chronic lung diseases**

Chairs :

- 14:45** **Normalised quadriceps muscle strength cut-points and mortality in COPD**  
Jane Lydia Canavan, Matthew Maddocks, Samantha Kon, Sarah Jones, Claire Nolan, Alex Labey, Michael Polkey, William Man, Speaker to be confirmed
- 15:00** **Tele-monitoring intervention on COPD exacerbations**  
Georgios Kaltsakas, Andriana I. Papaioannou, Maroula Vasilopoulou, Stavroula Spetsioti, Sofia-Antiopi Gennimata, Anastasios F. Palamidis, Nikolaos Chynkiamis, Eleni A. Kortianou, Theodora Vasilogiannakopoulou, Ioannis Vogiatzis, Nickolaos G. Koulouris, Speaker to be confirmed
- 15:15** **Physical activity and risk of comorbidities in patients with chronic obstructive pulmonary disease**  
Tsung Yu, Gerben Ter Riet, Milo Puhan, Anja Frei, Speaker to be confirmed
- 15:30** **Diaphragmatic mobility improves after pulmonary rehabilitation. A study using M-mode ultrasonography**  
Camilo Corbellini, Alain Boussuges, Jorge Hugo Villafañ e, Luciano Zocchi, Speaker to be confirmed
- 15:45** **The role of exercise training in a weight loss program on psychosocial morbidity, sleep quality and physical activity in obese asthmatics: A RCT**  
Patricia D. Freitas, Aline G. Silva, Palmira G. Ferreira, Analuci da Silva, Joao M. Salge, Alberto Cukier, Regina Carvalho-Pinto, Clá udia M. Brito, Marcio C. Mancini, Celso R.F. Carvalho, Speaker to be confirmed
- 16:00** **Physical frailty and pulmonary rehabilitation in COPD**  
Matthew Maddocks, Samantha Kon, Jane Canavan, Sarah Jones, Claire Nolan, Alex Labey, Michael Polkey, William Man, Speaker to be confirmed
- 16:15** **Effects of a 3-week pulmonary rehabilitation program in patients with idiopathic pulmonary fibrosis – A randomized, controlled trial**  
Inga Jarosch, Tessa Schneeberger, Rainer Gloeckl, Michael Kreuter, Claus Neurohr, Antje Prasse, Jürgen Behr, Klaus Kenn, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Advancements in bronchoscopy**

Chairs :

- 14:45** **Reduction of airway smooth muscle mass in airway biopsies following bronchial thermoplasty; the TASMA randomized controlled trial**  
Julia N.S. d' Hooghe, Joris J.T.H. Roelofs, Jouke T. Annema, Peter I. Bonta, Speaker to be confirmed
- 15:00** **Needle based confocal laser endomicroscopy for mediastinal lesions, an in vivo pilot-study**  
Lizzy Wijmans, Daniel M. de Bruin, Sybren L. Meijer, Jouke T. Annema, Speaker to be confirmed
- 15:15** **Real-time endoscopically measurements of lung electrical impedance evaluated in vivo**  
Ana Maria Munoz Fernandez, Nuria Coll, Virginia Pajares, Ramon Bragos, Pere J. RIU, Diego Castillo, Alfons Torrego, Speaker to be confirmed

- 15:30 3D endobronchial ultrasound (EBUS): Clinical demonstration**  
Hanne Sorger, Erlend Fagertun Hofstad, Tore Amundsen, Thomas Langø , Hå kon Olav Leira,  
Speaker to be confirmed
- 
- 15:45 Transbronchial Cryobiopsy – Is the bleeding risk changed in comparison to transbronchial forceps biopsy?**  
Juergen Hetzel, Christoph Petermann, Ralf Eberhardt, Wolfgang Gesierich, Kaid Darwiche, Lars Hagemayer, Ahmed Ehab, Michael Boeckeler, Maik Haentschel, Speaker to be confirmed
- 
- 16:00 Safety of transbronchial lung criobiopsy in mechanically ventilated patients in critical care. Multicenter study**  
Ana Maria Munoz Fernandez, Virginia Pajares, Carmen Lucena, Felipe Andreo, Antoni Betbesé , Laura Ló pez, Pedro Castro, Joan Ramon Badia, JOSÉ Ramí rez, Marc Fabra, Gloria Bonet, Carles Agustí , Alfons Torrego, Speaker to be confirmed
- 
- 16:15 Efficacy of total lung lavage in pulmonary alveolar proteinosis: A multicenter international study of GELF**  
Pierre Gay, Benoit Wallaert, Stefan Nowak, Jonas Yserbit, S. Anevlavis, C. Hermant, Alban Lovis, Olivier Menard, Bernard Maitre, Thomas Vandermoortel, Herve Dutau, Amandine Briault, Arnaud Bourdin, Marios Froudarakis, Jean-Michel Vergnon, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Sepsis and ARDS: looking forward**

Chairs :

- 14:45 Long-term risks of cardiovascular events in patients with chronic kidney disease who survived sepsis**  
Hsi Chu, Yung-Tai Chen, Speaker to be confirmed
- 
- 15:00 Epigenetic control of proteolytic pathways in the diaphragm during prolonged mechanical ventilation**  
Nikolay Moroz, Auday Al Khunaizi, Karen Maes, Flavia Stana, Dominique Mayaki, Anna Perez, Ghislaine Gayan-Ramirez, Sabah Hussain, Speaker to be confirmed
- 
- 15:15 Differential regulation of protein degradation pathways in the ventilatory and limb muscles in response to sepsis**  
Flavia Stana, Marija Vujovic, Dominique Mayaki, Philippe Lebalanc, Laurent Huck, Sabah Hussain, Speaker to be confirmed
- 
- 15:30 Severe community-acquired pneumonia: Characteristics and prognostic factors in ventilated and non-ventilated patients**  
Miquel Ferrer Monreal, Chiara Traverso, Catia Cilloniz, Albert Gabarrus, Eva Polverino, Adamantia Liapikou, Francesco Blasi, Antoni Torres, Speaker to be confirmed
- 
- 15:45 Partial neuromuscular blockade facilitates lung protective assisted mechanical ventilation**  
Jonne Doorduyn, Joeke Nollet, Lisanne Roesthuis, Hieronymus van Hees, Johannes van der Hoeven, Leo Heunks, Speaker to be confirmed
- 
- 16:00 Effect of antithrombin in an in vitro model of acute respiratory distress syndrome**  
Raquel Guillamat-Prats, Ferranda Puig, Marta Camprubí -Rimblas, Thomas Lebouvier, Antonio Artigas, Speaker to be confirmed
- 
- 16:15 The effect of pre-hospital anti-platelet therapy in adults with ARDS: A meta-analysis**  
Weizhong Jin, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Pulmonary hypertension: novel insights**

Chairs :

- 14:45 Characterization of a new rat model of heritable PAH**  
Hautefort Aurelie, Catherine Rucker Martin, Veronique Capuano, Florence Lecerf, Peter Dorfmu ller, Barbara Girerd, David Montani, Marc Humbert, Fabrice Antigny, Frederic Perros, Speaker to be confirmed
- 
- 15:00 RASSF1A regulates ROS-HIF axis in hypoxia driven pulmonary hypertension**  
Swati Dabral, Christian Muecke, Chanil Valsarajan, Mario Schmoranzler, Astrid Wietelmann, Norbert Weissmann, Rajkumar Savai, Werner Seeger, Reinhard Dammann, Soni Savai Pullamsetti, Speaker to be confirmed
- 
- 15:15 Detection and characterization of long noncoding RNAs in hypoxia-induced pulmonary hypertension**  
Matthias Brock, Claudio Schuoler, Thomas Haider, Silvia Ulrich, Max Gassmann, Malcolm Kohler, Lars Huber, Speaker to be confirmed

- 15:30 Carbon nanotubes at the blood-gas barrier: Implications for cardiovascular reactivity**  
Elizabeth Smith, Terry Tetley, Sheng Hu, Pakatip Ruenraroengsak, Shu Chen, Milo Shaffer, Andrew Thorley, Speaker to be confirmed
- 15:45 Adventitial remodeling of experimental pulmonary hypertension induces myofibroblast-produced collagen V in a Th17-pathways-related manner**  
Alexandre Todorovic Fabro, Renato Felix, Juliana Rodrigues Machado, Heloisa Resende Crunivel, Patricia dos Santos Leão, Amanda Luisa dos Santos, Rogério Antonio Oliveira, Walcy Rosolia Teodoro, Ana Paula Pereira Velosa, Vera Luiza Capelozzi, Speaker to be confirmed
- 16:00 Targeting CDK4/6 inhibition for the treatment of pulmonary arterial hypertension**  
Steven Evans, Zhiyong Yang, Franklin Schlerman, Ru Ding, Jeffrey Pelker, Sarah Soucy, Karrie Brenneman, Syed Jameel, Yutian Zhan, Shelby LaBarre, Vuong Nguyen, Jonathan Heyen, Karen Percival, Speaker to be confirmed
- 16:15 Effects of hypobaric hypoxia on circulating microRNA expression and hypoxic pulmonary vasoconstriction**  
Birgit Blissenbach, Martin Kröncke, Tobias Merz, Christos T. Nakas, Jacqueline Pichler Hefti, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Phenotyping asthma**

Chairs :

- 14:45 Implementation of personalized treatment of asthma by improved phenotyping: Critical review of knowledge gaps and unmet research needs by the European asthma research & innovation partnership (EARIP) expert panel**  
Sven-Erik Dahlén, Salman Siddiqui, Maciej Kupczyk, Samantha Walker, Speaker to be confirmed
- 15:00 Predictors of accelerated decline in FEV<sub>1</sub> in a prospective new-onset asthma cohort**  
Hanneke Coumou, Guus Westerhof, Selma de Nijs, Els Weersink, Elisabeth Bel, Speaker to be confirmed
- 15:15 Mast cell gene signature enrichment associates with late-onset severe asthma**  
Pieter-Paul W. Hekking, Ariane H. Wagener, Matthew Loza, Stelios Pavlidis, Fred Baribaud, Ana X. Sousa, Julie Corfield, Elisabeth H. Bel, Rene Lutter, Bertrand De Meulder, Ian M. Adcock, K. Fan Chung, Ratko Djukanovic, Peter J. Sterk, Speaker to be confirmed
- 15:30 Reproducibility and stability of severe asthma research program (SARP) clinical cluster phenotypes in SARP3**  
Wendy Moore, Xingnan Li, Huashi Li, Mario Castro, Serpil Erzurum, John Fahy, Elliot Israel, Nizar Jarjour, Bruce Levy, Lenoard Bacharier, Anne Fitzpatrick, Ben Gaston, Ngoc Ly, Ross Myers, Sima Ramratnam, Wanda Phipatanakul, W. Gerald Teague, David Mauger, Sally Wenzel, Deborah Meyers, Eugene Bleeker, Speaker to be confirmed
- 15:45 Feasibility of using multiplex technology for simultaneous quantification of inflammatory proteins in exhaled particles**  
Gunilla Runström, Ekaterina Mirgorodskaya, Marianne Andersson, Helen Friberg, Anna-Carin Olin, Speaker to be confirmed
- 16:00 Blood eosinophils, exacerbations in the previous year, lung function and ICS dose predict frequent exacerbations in asthma**  
Florence Schleich, Andrei Malinovschi, Laurence Seidel, Renaud Louis, Speaker to be confirmed
- 16:15 Differences between asthma-COPD overlap syndrome (ACOS) and adult-onset asthma**  
Minna Tömmola, Pinja Ilmarinen, Leena Tuomisto, Lauri Lehtimäki, Jussi Haanpää, Onni Niemelä, Hannu Kankaanranta, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Latent tuberculosis infection**

Chairs :

- 14:45 Diagnostic accuracy of the novel C-Tb skin test for LTBI, results from two phase III trials**  
Morten Ruhwald, Joan Cayla, Henrik Aggerbaek, Keertan Dheda, Peter L. Andersen, Speaker to be confirmed
- 15:00 Detection TB infection using a skin tests with tuberculin and allergen recombinant (CFP-10-ESAT-6) in children and adolescents in Moscow in 2015**  
Ludmila Slogotskaya, Elena Bogorodskaya, O. Sentchichina, G. Nikitina, V. Litvinov, P. Seltsovsky, N. Nikolenko, D. Kudlay, Speaker to be confirmed



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- 15:15**      **Blood and urine IP-10 associate with active TB in HIV-infected patients**  
Linda Petrone, Angela Cannas, Francesco Aloï, Martin Nsubuga, Joseph Sserumkuma, Ritah Angella Nazziwa, Levan Jugheli, Tedson Lukindo, Enrico Girardi, Klaus Reither, Delia Goletti, Speaker to be confirmed
- 
- 15:30**      **Evaluating 17 years of LTBI screening in NW England**  
Dominik Zenner, Miranda Loutet, Ross J. Harris, Stephen Wilson, L. Peter Ormerod, Speaker to be confirmed
- 
- 15:45**      **Tuberculosis screening in refugees under the age of five – Worth the effort?**  
Folke Brinkmann, Stefanie Benzrath, Johannes Forster, Sylvia Tyman, Miriam Eilers, Jan Roschinsky, Cordula Koerner-Rettberg, Speaker to be confirmed
- 
- 16:00**      **The effect of smoking on QuantiFERON results in diagnosis of latent tuberculosis infection**  
Özlem Salman Sever, Balam Er Dedekarginoglu, Mahal Alekberov, Fusun Oner Eyupoglu, Speaker to be confirmed
-

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC8 Complex management issues in ataxia telangiectasia

**Aims :** To learn about the complex multisystem disease Ataxia telangiectasia (A-T) that associates with high early mortality from lung disease; to examine the respiratory aspects of A-T, including chronic infection, bronchiectasis and interstitial lung disease, immunodeficiency, and bulbar dysfunction leading to aspiration syndromes.

**Track(s) :** Paediatric

**Tag(s) :** Clinical

**Chairs :** Monika Gappa (Wesel, Germany)

#### When and why should my child have a gastrostomy?

Jayesh M. Bhatt (Nottingham, United Kingdom), Speaker to be confirmed

#### Transitioning the complex patient to adult care

Nicholas Ocroft (Cambridge, United Kingdom)

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC7 How to deal with large airways problems

**Aims :** To highlight the limitations of interventional pulmonology and discuss when the patient should be referred to surgery; to discuss that the spectrum of nonsurgical tools has expanded in recent years, which means that some important aspects of the pathology can be solved logically.

**Tag(s) :** Clinical

**Target audience :** Pulmonologists, radiologists, thoracic endoscopists, and thoracic surgeons.

**Chairs :** Ioan Cordos (Bucarest, Romania), Chair to be confirmed

#### Role of the interventional pulmonologist

Charles-Hugo Marquette (Nice, France)

#### Role of the surgeon

07:00 - 08:15

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Challenging clinical cases: CC6 New treatment approaches in non-small cell lung cancer

**Aims :** To present interesting clinical cases on non-small cell lung cancer that demonstrate standard practices in thoracic oncology including information on the incidence of the malignancy, diagnostic criteria, staging of disease and risk assessment, treatment plans, response evaluation and follow-up.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Target audience :** Clinician, Fellow, General practitioner, Junior member, Oncologist, Pulmonologist, Radiologist, Respiratory physician, Thoracic surgeon, Trainee

**Chairs :** Tudor Andrei Cernomaz (Iasi, Romania)

#### Is this patient operable?

Georgia Hardavella (London, United Kingdom), Speaker to be confirmed

#### A former smoker

Maria M.J. Disselhorst (Amsterdam, Netherlands)

13:00 - 14:30

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

### Professional development workshop: PD9 Combining the clinic and research

**Aims :** To understand how a physician can obtain a good scientific resume without losing touch with the clinical work; to learn how to maximise the opportunities that are offered by combining clinic and research; to discuss how clinical trainings and research fellowships can be successfully combined to support your professional development.

**Tag(s) :** Translational

**Target audience :** Researcher, Clinician, Fellow, Allied health professional, Trainee, Junior member, Respiratory physician, Scientist

**Chairs :** Katerina Antoniou (Heraklion, Greece)

**13:00 Introduction by the chair**

**13:05 Lightning lecture: Clinical and scientific work from a clinical perspective**  
Louise Fleming (London, United Kingdom), Speaker to be confirmed

**13:15 Lightning lecture: Clinical and scientific work from a junior's perspective**  
András Bikov (Budapest, Hungary)

**13:25 Workshop: Discussion of case based problems in small working groups**  
András Bikov (Budapest, Hungary), Louise Fleming (London, United Kingdom), Speaker to be confirmed

**14:10 Discussion and conclusion**

11:00 - 12:30

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.*

### Professional development workshop: PD8 Navigate your publishing process

**Aims :** To provide the audience with a starting point for writing a publication-worthy paper; to understand the current publishing landscape and some of its most recent changes; to provide a 'behind the scenes' glimpse of the editorial and peer reviewing process; to maximise the impact of a published research.

**Target audience :** Researcher, Educationalist, Trainee, Junior member, Fellow

**Chairs :** Anita Simonds (London, United Kingdom), Agnes Boots (Maastricht, Netherlands)

**11:00 Introduction by the chairs and resume of the pre-congress survey**

**11:10 Lightning lecture: How to write a good paper**  
Marc Humbert (Paris, France)

**11:20 Lightning lecture: How to get a paper published**  
Peter M.A. Calverley (Liverpool, United Kingdom)

**11:30 Workshop: Discussion of case based problems in small groups**  
Marc Humbert (Paris, France), Peter M.A. Calverley (Liverpool, United Kingdom)

**12:10 Discussion and conclusion**

08:00 - 10:30

*Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.*

### Professional development workshop: PD7 Designing and conducting research in malignant pleural effusion

**Aims :** To provide an update on the experimental models and research techniques in the malignant pleural effusion field; to describe the clinical studies and translational projects in the field; and to show how to design and conduct research in malignant pleural effusion.

**Track(s) :** Oncology

**Tag(s) :** Basic science

**Chairs :** Arnaud Scherpereel (Lille, France)

**08:00 Introduction by the chair**

**08:05 Master lecture: Basic research studies in malignant pleural effusion**  
Ioannis Kalomenidis (Marousi, Greece)

**08:25 Master lecture: Clinical and translational studies in malignant pleural effusion**  
Gary YC Lee (Perth, Australia)

**08:45 Interactive questions and answers with the audience**  
Ioannis Kalomenidis (Marousi, Greece), Gary YC Lee (Perth, Australia)

**09:30 Demonstration of animal models and clinical procedures on videos**  
Ioannis Kalomenidis (Marousi, Greece), Speaker to be confirmed

15:00 - 17:00

Registration for this session is additional to the congress registration fee and is €40 on site, €35 standard or €25 for early bird registration.

### Professional development workshop: PD10 Writing multiple choice questions

#### Practical guidelines for the development and assessment of multiple choice questions (MCQs)

**Aims :** To introduce the MCQ format with its terminologies, technical aspects and rules; to formulate high quality MCQs with clinical vignettes; to evaluate content of MCQs.

**Target audience :** EBUS and spirometry faculty, diplomates, exam committee, anyone else interested in the topic

**Chairs :** Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Chair to be confirmed

**15:00**      **Master lecture including examples, tips and discussion on guidelines**  
Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed

**15:15**      **Workshop: Discussion and evaluation of MCQs that participants prepared prior to the session in small groups**  
Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed

**15:35**      **Workshop: Preparation of one MCQ in small groups**  
Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed

**16:05**      **Discussion, evaluation, revision and rating of the formulated MCQs**  
Ildikó Horváth (Budapest, Hungary), Robert Primhak (Sheffield, United Kingdom), Speaker to be confirmed

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW17 Polysomnography in adults and children

**Aims :** To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

**Track(s) :** Sleep Paediatric

**Tag(s) :** Clinical

**Target audience :** Any health professional who works in or with sleep related breathing disorders or sleep disorders in either children, adults or both; anyone studying for the HERMES sleep curriculum exam

**Chairs :** Refika Hamutcu Ersu (Istanbul, Turkey)

#### Introduction

**Workstation 1: Setting up polysomnography and polygraphy in children**  
Elizabeth Hill (Edinburgh, United Kingdom)

**Workstation 2: Interpreting polysomnography and polygraphy in children**  
Refika Hamutcu Ersu (Istanbul, Turkey)

**Workstation 3: Setting up polysomnography and polygraphy in adults**  
Paul Murphy (Möln dal, Sweden)

**Workstation 4: Interpreting polysomnography and polygraphy in adults**  
Raphael Heinzer (Lausanne, Switzerland)

08:00 - 10:20

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Skills workshop: SW16 Radiological-pathological correlations for clinicians

**Aims :** To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Target audience :** Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee

**Chairs :** Philipp A. Schnabel (Hamburg, Germany)

**Introduction**

**Workstation 1: Lung emphysema**

James Hogg (Vancouver, Canada)

**Workstation 2: Interstitial fibrosis**

Catherine Beigelman-Aubry (Paris, France)

**Workstation 3: Lung cancer**

Walter De Wever (Leuven, Belgium)

**Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer**

Giulio Rossi (Modena, Italy)

10:40 - 13:00

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Skills workshop: SW18 Radiological-pathological correlations for clinicians**

**Aims :** To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Target audience :** Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee

**Chairs :** Arnaud Scherpereel (Lille, France)

**Introduction**

**Workstation 1: Lung emphysema**

Claus Peter Heussel (Heidelberg, Germany)

**Workstation 2: Interstitial fibrosis**

Sara Tomassetti (Forli, Italy)

**Workstation 3: Lung cancer**

Sebastian Ley (Munich, Germany)

**Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer**

Annette Fisseler-Eckhoff (Wiesbaden, Germany)

14:30 - 16:50

*Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.*

**Skills workshop: SW20 Radiological-pathological correlations for clinicians**

**Aims :** To illustrate and highlight radiological-pathological correlations in different lung diseases; to be able to interpret radiological images and recognise radiological-pathological correlations; to understand when it is necessary to correlate clinical, radiological, and pathological findings.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Target audience :** Pulmonologist, Thoracic surgeon, Oncologist, Radiologist, Pathologist, Respiratory physician, Scientist, Trainee

**Chairs :** Bogdan Dragos Grigoriu (Iasi, Romania)

**Introduction**

**Workstation 1: Lung emphysema**

James Hogg (Vancouver, Canada)

**Workstation 2: Interstitial fibrosis**

Catherine Beigelman-Aubry (Paris, France)

**Workstation 3: Lung cancer**

Walter De Wever (Leuven, Belgium)

**Workstation 4: Pathology of lung emphysema, interstitial fibrosis and lung cancer**

Giulio Rossi (Modena, Italy)

10:40 - 13:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW19 Polysomnography in adults and children**

**Aims :** To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

**Track(s) :** Sleep Paediatric**Tag(s) :** Clinical

**Target audience :** Allied health professional, Clinician, Fellow, General practitioner, Junior member, Lung function technician, Neonatologist, Nurse, Paediatrician, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Trainee

**Chairs :** Renata L. Riha (Edinburgh, United Kingdom)**Introduction****Workstation 1: Setting up polysomnography and polygraphy in children**

Andrew Morley (Glasgow, United Kingdom)

**Workstation 2: Interpreting polysomnography and polygraphy in children**

Stijn Verhulst (Antwerp, Belgium)

**Workstation 3: Setting up polysomnography and polygraphy in adults**

Erna Sif Arnardottir (Reykjavik, Iceland)

**Workstation 4: Interpreting polysomnography and polygraphy in adults**

Renata L. Riha (Edinburgh, United Kingdom)

14:30 - 16:50

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

**Skills workshop: SW21 Polysomnography in adults and children**

**Aims :** To demonstrate how to perform and interpret sleep studies in both adults and children; to highlight the differences between paediatric and adult polysomnography (PSG) and polygraphy including the complexities of sleep and respiratory testing along with the limitations, advantages, and pitfalls; to be able to recognise when different scoring rules should be applied depending on the age of a patient.

**Track(s) :** Sleep Paediatric**Tag(s) :** Clinical

**Target audience :** Allied health professional, Clinician, Fellow, General practitioner, Junior member, Lung function technician, Neonatologist, Nurse, Paediatrician, Physiologist, Pulmonologist, Researcher, Resident, Respiratory physician, Sleep specialist/technologist, Trainee

**Chairs :** Refika Hamutcu Ersu (Istanbul, Turkey)**Introduction****Workstation 1: Setting up polysomnography and polygraphy in children**

Elizabeth Hill (Edinburgh, United Kingdom)

**Workstation 2: Interpreting polysomnography and polygraphy in children**

Refika Hamutcu Ersu (Istanbul, Turkey)

**Workstation 3: Setting up polysomnography and polygraphy in adults**

Paul Murphy (Möln dal, Sweden)

**Workstation 4: Interpreting polysomnography and polygraphy in adults**

Raphael Heinzer (Lausanne, Switzerland)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME9 Detecting and correcting patient-ventilator asynchronies

**Aims :** To learn about the difficulties in recognising patient-ventilator asynchronies and the steps needed to eliminate them.

**Track(s) :** Intensive care

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Detecting and correcting patient-ventilator asynchronies**  
Laurent Brochard (Toronto, Canada)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME10 Effects of exercise on airway responsiveness

**Aims :** To understand the effect of exercise on bronchial epithelial cells and on airway responsiveness in healthy subjects; the ability of exercise training to attenuate airway responsiveness; the possibility that a sedentary lifestyle is a potential risk factor for the development of airways hyper-responsiveness; and the effect of exercise training in asthmatic subjects.

**Track(s) :** Physiology

**Tag(s) :** Translational

**Chairs :**

**13:00**      **Effects of exercise on airway responsiveness**  
Maria Bonsignore (Palermo, Italy)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME11 Asthma and sleep-disordered breathing in children and adults

**Aims :** To review the ongoing clinical studies and recent publications that describe the interaction between asthma and sleep-related breathing disorders; to give an overview of the epidemiology of asthma and sleep-disordered breathing in adults and children; to discuss the shared risk factors and inflammatory pathophysiology of sleep-disordered breathing and asthma, and the evidence that suggests that upper-airway obstruction influences asthma severity and response to therapy; to discuss the evidence showing that treating sleep disorders, including insufficient sleep and sleep-disordered breathing, improves asthma outcomes; and to describe novel methods to measure asthma and sleep-related breathing disorders in the home-setting.

**Track(s) :** Sleep Paediatric

**Tag(s) :** Translational

**Chairs :**

**13:00**      **Asthma and sleep-disordered breathing in children and adults**  
Kristie Ross (Cleveland, United States of America)

13:00 - 14:00

Registration for this session is additional to the congress registration fee and is €100 on site, €90 standard or €70 for early bird registration.

### Meet the expert: ME12 Endoscopic lung volume reduction

**Aims :** To discuss various options for hyper-inflated patients and different scenarios based on case examples.

**Tag(s) :** Clinical

**Chairs :**

**13:00**      **Endoscopic lung volume reduction**  
Felix J.F. Herth (Heidelberg, Germany)

08:30 - 10:30

### Symposium: The problem of multidrug-resistant tuberculosis

**Aims :** The emergence of multidrug-resistant tuberculosis (MDR-TB) and the increase in patients with MDR-TB worldwide is challenging tuberculosis control. However, the recent advances in diagnosing tuberculosis drug resistance and the development of novel therapeutic options for drug-resistant tuberculosis provide hope that the MDR-TB epidemic can be curbed.

**Track(s) :** Infection

**Tag(s) :** Clinical

**Target audience :** Policy makers

**Chairs :** Graham H. Bothamley (London, United Kingdom), Christoph Lange (Borstel, Germany)

08:30	<b>Impact of next generation sequencing on rapid drug resistance testing in MDR-TB</b> Stefan Niemann (Borstel, Germany)
09:00	<b>Novel drug regimens against MDR-TB</b> Andreas Henri Diacon (Tygerberg, South Africa)
09:30	<b>Host directed therapies against MDR-TB</b> Markus Maeurer (Stockholm, Sweden)
10:00	<b>MDR-TB in Eastern Europe: new public health interventions</b> Dennis Falzon (Geneva, Switzerland)

08:30 - 10:30

### Symposium: Dysfunctional mitochondria in respiratory disease

**Aims :** This session will aim to clarify the role of mitochondrial damage, release of mitochondrial DNA, and/or mitochondrial damage-associated molecular patterns (DAMPs) in driving respiratory disease pathology (e.g., COPD, acute lung injury, acute respiratory distress syndrome, and asthma). A cadre of experts will critically discuss the evidence that suggests that defects in mitochondrial DNA and/or environmental or cellular stress that damages the mitochondria can promote various diseases of the lung. The focus will be on the effects of these mitochondrial defects/stresses on lung cell/lung tissue function. The presenters will also discuss possible underlying mechanisms and targets of intervention.

**Track(s) :** Physiology

**Tag(s) :** Basic science

**Chairs :** Agnes Boots (Maastricht, Netherlands), Catherine Greene (Dublin, Ireland)

08:30	<b>Mitochondrial dysfunction: cellular consequences</b> Speaker to be confirmed
09:00	<b>The role of mitochondrial DAMPs in driving lung inflammation and injury</b> Speaker to be confirmed
09:30	<b>Dysfunctional mitochondria in lung fibrosis</b> Ana Mora (Pittsburgh, United States of America)
10:00	<b>Mitochondrial dysfunction in chronic lung disease</b> Speaker to be confirmed

08:30 - 10:30

### Symposium: Cell therapy for ARDS and sepsis

**Aims :** After this session the attendees will understand the basic mechanisms and the roles of cell therapy in preclinical models of lung injury and severe sepsis and how to lead and implement first-in-human trials of lung cell therapy.

**Track(s) :** Intensive care

**Tag(s) :** Translational

**Chairs :** Paolo Pelosi (Milan, Italy), Antonio Artigas (Sabadell, Spain)

08:30	<b>Therapeutic efficacy of human mesenchymal cells (MSCs) in the repair of ARDS and VILI</b> John Laffey (Toronto, Canada)
09:00	<b>Type II pneumocyte transplantation in ARDS</b> Raquel Guillaumat-Prats (Barcelona, Spain)
09:30	<b>MSC therapy as adjunctive treatment in severe sepsis</b> Michael A. Matthay (San Francisco, United States of America)
10:00	<b>What are the barriers to clinical translation of MSC for ARDS?</b> Speaker to be confirmed



08:30 - 10:30

**Symposium: Urban air pollution and human health**

**Aims :** The aim of this session is to summarise the latest knowledge on how climate changes affect the air composition and hence directly influence lung function, lung physiology, and lung pathophysiology. The audience will become aware of the impact the worsening course of global warming will have on human respiratory health. Physicians dedicated to protecting human life from the greatest threat to health and survival will describe the health impacts of continued fossil fuel use and pollution, and how to guarantee a livable world for future generations.

**Track(s) :** **Epidemiology / Environment**

**Tag(s) :** Translational, Healthy Lungs for Life (HLfL)

**Chairs :** Christian Taube (Leiden, Netherlands), Stephen T. Holgate (Southampton, United Kingdom)

**08:30**      **Effects of inhalants altered by climate change: the role of controlled human exposure studies**  
Chris Carlsten (Vancouver, Canada)

**09:00**      **Impact of air pollution on lung development**  
Speaker to be confirmed

**09:30**      **Impact of hot and humid air on lung physiology**  
Rainer G. Wiewrodt (Münster, Germany)

**10:00**      **Lung health risks of the urban climate**  
Christian Witt (Berlin, Germany), Speaker to be confirmed

**10:30**      **Lung cancer carcinogenesis and air quality**  
Zorana Andersen (Frederiksberg, Denmark)

08:30 - 10:30

**Hot topics: Obesity and respiratory diseases**

**Aims :** Obesity, a disorder characterised by a low-grade chronic systemic inflammation associated with respiratory comorbidities, is a rapidly evolving field with new insights into pathophysiology and treatments that are improving our approach into this area. The recent increase of obesity prevalence, especially in developed countries, has been considered as pandemic. The WHO estimates that over one billion people worldwide have overweight and of those around 300 million are obese, which is double the prevalence recorded twenty years ago. Obesity is an emerging critical health problem to be investigated to increase awareness and to improve prevention and management. This session highlights important current controversies in obesity and respiratory comorbidities and their management and treatment.

**Track(s) :** **Physiology** **Sleep**

**Tag(s) :** Clinical

**Chairs :** Emiel F. M. Wouters (Maastricht, Netherlands), Bartolome R. Celli Croquer (Wellesley, United States of America)

**08:30**      **Asthma and obesity**  
Elisabeth H.D. Bel (Amsterdam, Netherlands)

**09:00**      **Obesity: a comorbidome of COPD**  
Miguel Divo (Boston, United States of America)

**09:30**      **Cardiovascular risk and sleep disordered breathing: what's up?**  
Fernando Eduardo Barbe Illa (Lleida, Spain)

**10:00**      **Oxygen- and postural-induced pulmonary changes. Effects of bariatric surgery**  
Roberto Rodriguez-Roisin (Barcelona, Spain)

08:30 - 10:30

**Hot topics: What can respiratory medicine learn from cystic fibrosis research?**

**How advances in CF care and research can be translated or extended to other disease areas in respiratory medicine**

**Aims :** The aim of this session is to disseminate some of the research advances that have been made, or primarily developed, in CF medicine, and show how these may be applied to other disease groups.

**Track(s) :** **Paediatric** **Physiology**

**Tag(s) :** Translational

**Chairs :** Christiane De Boeck (Leuven, Belgium), Alex Horsley (Manchester, United Kingdom), Siobhan Carr (London, United Kingdom), Chair to be confirmed

**08:30**      **What can we learn about pulmonary infection from studying the microbiome in CF?**  
Yvonne Huang (Ann Arbor, United States of America)

09:00 **Imaging the CF lung**  
Harm Tiddens (Rotterdam, Netherlands)

09:30 **New insights in basic mechanisms in cystic fibrosis**  
Speaker to be confirmed

10:00 **The central role of CFTR in lung disease**  
Stuart Elborn (Belfast, United Kingdom)

08:30 - 10:30

### Year in review: Clinical year in review

**Aims :** The aim of this session is to review the most important papers published last year on different topics (diffuse parenchymal lung diseases, interventional pulmonology, imaging, rehabilitation ...).

**Tag(s) :** Clinical

**Chairs :** Katerina Antoniou (Heraklion, Greece), Celeste M. Porsbjerg (Copenhagen, Denmark)

08:30 **Diffuse parenchymal lung disease**  
Sara Tomassetti (Forli, Italy)

09:00 **Thromboembolic pulmonary disease**  
Marius M. Hoeper (Hannover, Germany)

09:30 **Acute respiratory distress syndrome**  
Speaker to be confirmed

10:00 **Chronic care in COPD and asthma**  
Thierry Troosters (Leuven, Belgium)

08:30 - 10:30

### Poster Discussion: Asthma points to ponder

**Chairs :**

**Effects of switching inhaled medication from twice a day to once a day in patients with bronchial asthma**  
Naoto Watanabe, Sohei Makino, Speaker to be confirmed

**Influence of tobacco smoking on asthma control**  
Angelica Tiotiu, Nathalie Wirth, Yves Martinet, Speaker to be confirmed

**Asthma-associated factors - Potential predictive markers for patients stratification, personalized treatments and prevention**  
Rostyslav Bubnov, Liudmyla Petrenko, Speaker to be confirmed

**Priorities for asthma R&D in Europe: A systematic approach**  
Jessica Edwards, Erika Kennington, Nikos Papadopoulos, David Myles, Samantha Walker, Speaker to be confirmed

**Characterization of patients with ACOS - Application of GINA/GOLD questionnaire vs SEPAR criteria**  
Maria Antónia Glória Galego, Daniela Rodrigues, Inês Neves, Ana Paula Vaz, Jorge Ferreira, Speaker to be confirmed

**Codeine for treatment of cough variant asthma**  
Tuba Erdogan, Ozge Ozturk Aktas, Ebru Çelebioglu, Güllü Karakaya, A. Fuat Kalyoncu, Speaker to be confirmed

**The results of respiratory symptoms automatic calculator application in prophylactic medical examination of adults**  
Vitaly Mishlanov, Anastasia Katkova, Ekaterina Skachkova, Anastasia Telnova, Speaker to be confirmed

**Fatty acid blood spectrum in patients with asthma**  
Lyudmila Pasiyeshvili, Tamara Pasiyeshvili, Speaker to be confirmed

**The effect of tiotropium bromide on lung function parameters in patients with asthma- COPD overlap syndrome**  
Ksenia Nazarenko, Yuriy Feschenko, Liudmyla Iashyna, Speaker to be confirmed

**Management of asthma in patients discharged from A and E**

Danielle Bell, Dawn Bradford Taylor, Nicola Green, Elizabeth Norman, Chris Biggin, Sean Parker, Speaker to be confirmed

**International perspectives on severe asthma: Current and future challenges in patient care**

Sean Hayes, Sophie Peloquin, Andrew Menzies-Gow, Klaus Rabe, Michel Aubier, Susan Wasserman, Speaker to be confirmed

**Nutritional assessment tools, BMI & waist circumference are linked with respiratory illness & also signifies the importance of nutrition in such patients**

Hira Subhan, Syed Ali Abbas, Muhammad Mohsin Bajwa, Aneel Bhagwani, Speaker to be confirmed

**Asthma worsening in days of higher air pollution**

Zoran Stojanovski, Olgica KuzarevskaBlazevska, Goran Andonovski, Bojan Janackov, Speaker to be confirmed

**Developing integrated mental health and asthma treatment protocol using quality improvement methods**

Sophie Jones, Dionne Matthew, Kate Lindley Baron-Cohen, Sarah Elkin, Speaker to be confirmed

**Quality of life in asthmatics with osmotic airway hyperresponsiveness (AHR)**

Natalia L. Perelman, Juliy M. Perelman, Victor P. Kolosov, Svetlana V. Naryshkina, Speaker to be confirmed

**Clinical application of hydrogen sulfide ( $H_2S$ ) as a marker of asthma management**

Yasuhito Suzuki, Junpei Saito, Manubu Uematsu, Atsuro Fukuhara, Suguru Sato, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

**Effectiveness of omalizumab in Greek patients with severe allergic asthma (SAA): The SMILE study**

Petros Galanakis, Mina Gaga, Fotios Psarros, Eleftherios Zervas, Eirini Mitsiki, Nikolaos Siafakas, Speaker to be confirmed

**Effectiveness evaluation of anti-IgE treatment at 3<sup>rd</sup> year: Real life Turkey data**

Ayşe Arzu Yorgancıoğlu, Ferda Öner Erkekol, Münevver Erdiñç, Dilsad Mungan, Bilun Gemicioglu, Zeynep Ferhan Özseker, Papatya Bayrak Degirmenci, Sibel Nayci, Aykut Çilli, Füsun Erdenen, Cengiz Kirmaz, Dane Ediger, Arzu Didem Yalçın, Suna Büyüköztürk, Sami Büyüköztürk, Mustafa Güleç, Rana Isik, Ali Fuat Kalyoncu, Özlem Göksel, Ömür Aydın, Yavuz Havlucu, Idilhan Baloglu Ar, Ahmet Erdogdu, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Molecular and genomic crosstalk to understand and diagnose lung disease****Chairs :****Impaired coordination of skeletal muscle protein turnover signalling in sarcopenic COPD patients**

Anita Kneppers, Ramon Langen, Harry Gosker, Pieter Leermakers, Marco Kelders, Chiel de Theye, Nanca Cebron Lipovec, Daniel Omersa, Mitja Lainscak, Annemie Schols, Speaker to be confirmed

**Interferon-lambda-genotype GG and IgG2 are predictors for frequent COPD exacerbations in a Swiss multicenter COPD cohort study (TOPDOCS)**

Simona Henny, Thomas Dieterle, Thomas Brack, Martin Brutsche, Christian Clarenbach, Adrian Egli, Ingmar Heijnen, Sarosh Irani, Martin Frey, Noriane Sievi, Robert Thurnheer, Marten Trendelenburg, Malcom Kohler, Jörg Leuppi, Speaker to be confirmed

**Activation of skeletal muscle mitophagy in a murine model of pulmonary and systemic inflammation**

Pieter Leermakers, Alexander Remels, Ramon Langen, Annemie Schols, Harry Gosker, Speaker to be confirmed

**Oral and nasal microbiota in healthy, tobacco smoke COPD (TSCOPD) and biomass smoke COPD (BMSCOPD) subjects from India**

Dhiraj Agarwal, Dhiraj Dhotre, Bill Brashier, Yogesh Shouche, Sanjay Juvekar, Sundeep Salvi, Speaker to be confirmed

**A potential role for extracellular matrix proteins in lung ageing in COPD**

Maaïke de Vries, Alen Faiz, Dirkje S. Postma, Don D. Sin, Yohan Bossé, David C. Nickle, Wim Timens, Maarten van den Berge, Corry-Anke Brandsma, Speaker to be confirmed

**Increased autophagy and reduced protein synthesis signaling are involved in pulmonary inflammation-induced skeletal muscle atrophy**

Judith Ceelen, Annemie Schols, Nathalie Thielen, Marco Kelders, Chiel de Theye, Ramon Langen, Speaker to be confirmed

**MiR-320c regulates SERPINA1 expression and is associated with pulmonary disease in alpha-1-antitrypsin deficiency**

Nerea Matamala, Álvaro Otero, Irene Vázquez, Diana Retana, Antonio Muñoz-Callejas, Taiomara Fernández-González, Beatriz Lara, María Teresa Martínez, Alpha1-Antitrypsin Deficiency Spanish Registry, Beatriz Martínez-Delgado, Speaker to be confirmed

**Transforming Growth factor beta-1 and Smad signaling has the potential to drive EMT-related changes in smokers and COPD**

Malik Quasir Mahmood, David Reid, Hans Konrad Muller, Darryl Knight, Sukhwinder Singh Sohal, Eugene Haydn Walters, Speaker to be confirmed

**Peripheral muscle mitophagy is enhanced in patients with COPD**

Pieter Leermakers, Annemie Schols, Bram van den Borst, Chiel de Theije, Marco Kelders, Harry Gosker, Speaker to be confirmed

**Histological changes in smoking and COPD mice with short-term exposure of PM2.5**

Tianyu Zhou, Guangfa Wang, Speaker to be confirmed

**Altered circulating exosomal RNA profiles detected by next-generation sequencing in patients with severe asthma**

Masaru Suzuki, Satoshi Konno, Hironi Makita, Kaoruko Shimizu, Hiroki Kimura, Hirokazu Kimura, Masaharu Nishimura, Speaker to be confirmed

**Non-invasive monitoring of emphysema and muscle wasting during experimental disease exacerbation**

Judith Ceelen, Annemie Schols, Stefan van Hoof, Chiel de Theye, Frank Verhaegen, Ramon Langen, Speaker to be confirmed

**Trypsin+ mast cells associate with fibrotic regions in the lungs of idiopathic pulmonary fibrosis patients; a multiplex staining approach**

Elena Miranda, Rebecca Dunmore, Doris Rassel, Helen Parfrey, Catherine Overed-Sayer, Arthur Lewis, Lorcan Sherry, Matt Sleeman, Richard May, Deborah Clarke, Speaker to be confirmed

**LSC Abstract – Hookworm infection with nippostrongylus brasiliensis is a MyD88-TRIF independent mouse model of emphysema**

Emma Ringqvist, Tara Sutherland, William Wallace, Alison Fulton, Sheelagh Duncan, Nicola Logan, Rick Maizels, Judith Allen, Speaker to be confirmed

**LSC Abstract – Use of a semi-automatic human-supervised procedure for quantitative histology: Modulation of tumour cell dissemination in lung parenchyma**

Natacha Rocks, Catherine Gerard, Christelle Sépult, Markus Moser, Reinhard Faessler, Raphael Maréchal, Didier Cataldo, Speaker to be confirmed

**The role of Pten in the cell-fate determination of epithelial cells in lung development**

Ayako Miura, Hironobu Tsubouchi, Shigehisa Yanagi, Nobuhiro Matsumoto, Masamitsu Nakazato, Speaker to be confirmed

**The role of WNT5a in Th17 asthma**

Tariq Daud, Aarti Parmar, Amanda Sutcliffe, David Choy, Joseph Arron, Yassine Amrani, Peter Bradding, Salman Siddiqui, Speaker to be confirmed

**Optimization of cfDNA routine use for NSCLC genomic alteration analysis**

Pascale Tomasini, Frederic Fina, Clotilde Fournier, Laurent Greillier, L'Houcine Ouafik, Celine Mascaux, Fabrice Barlesi, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Treatment options for obstructive sleep apnoea and obesity hypoventilation**

Chairs :

**Comparison of peri-pharyngeal muscle recruitment during upper airway obstruction in patients with OSA and healthy subjects during wakefulness and sleep**

Arie Oliven, Guy Cohen, Yaniv Dotan, Alan Schwartz, Speaker to be confirmed

**Axonal peripheral nerve damage in obstructive sleep apnea syndrome**

Levent Kart, Ayse Havan, Mehmet Eryilmaz, Fatma Fidan, Hakan Levent Güllü, Speaker to be confirmed

**Feasibility and patient tolerability of transcutaneous electrical stimulation in obstructive sleep apnoea**

Kate Reed, Martino Pengo, Xiao Sichang, Culadeeban Ratneswaran, Nimish Shah, Tao Chen, Abdel Douiri, Nicholas Hart, Yuanming Luo, Gerrard Rafferty, Gian Paolo Rossi, Adrian Williams, Michael Polkey, John Moxham, Joerg Steier, Speaker to be confirmed

**The impact of CPAP on circulating IGF-1 in patients with OSAS**

Andreas Palm, Christian Berne, Helena Igelström, Pernilla Åsenlöf, Christer Janson, Eva Lindberg, Speaker to be confirmed

**CPAP impact on memory processes in OSA patients, a randomized sham controlled trial**

Jean-Louis Pepin, Marie Joyeux-Faure, Bernadette Naegele, Renaud Tamisier, Patrick Levy, Sandrine Launois, Speaker to be confirmed

**Does CPAP therapy affect sleep time in patients with obstructive sleep apnea? A prospective study**

Ryo Tachikawa, Takuma Minami, Takeshi Matsumoto, Satoshi Hamada, Kimihiko Murase, Kiminobu Tanizawa, Morito Inouchi, Toru Oga, Michiaki Mishima, Kazuo Chin, Speaker to be confirmed

**Persistent daytime hypercapnia predicts poor prognosis in OSAS undergoing CPAP therapy**

Naoko Kawata, Jiro Terada, Koichiro Tatsumi, Speaker to be confirmed

**Automatic bilevel ventilation in sleep-disordered breathing: A real-life experience in southern Italy**

Pierpaolo Baiamonte, Claudia I. Gruttadauria, Emilia Mazzuca, Alessandra Castrogiovanni, Mario Spatafora, Maria R. Bonsignore, Speaker to be confirmed

**The effect of positive airway pressure therapy on neurocognitive functions, depression and anxiety in obesity hypoventilation syndrome**

Fusun Yildiz, Serap Argun Baris, Dilek Tuncel, Cigdem Ozerdem, Huseyin Kutlu, Tugba Onyilmaz, Ilknur Basyigit, Hasim Boyaci, Speaker to be confirmed

**Long term effects of compliance with positive airway pressure (PAP) therapy in patients with obesity hypoventilation syndrome (OHS)**

Izolda Bouloukaki, Charalampos Mermigkis, Charalampos Protopapadakis, Nikolaos Tzanakis, Stylianos Michelakis, Eleni Mauroudi, Violeta Moniaki, Dimitrios Georgopoulos, Sophia Schiza, Speaker to be confirmed

**Does CPAP remote monitoring improves compliance and adherence?**

Francois Clavaud, Victoria Cooper, Speaker to be confirmed

**Telehealthcare interventions in the management of obstructive sleep apnoea hypopnoea syndrome (OSAHS) in continuous positive airway pressure (CPAP) users - A systematic review**

Phyllis Murphie, Stuart Little, Hilary Pinnock, Brian McKinstry, Speaker to be confirmed

**Home telemonitoring and adjustment of CPAP settings in patients with sleep apnea**

Jose Maria Montserrat Canal, Valentina Isetta, Onintza Garmendia, Pasquale P. Pompilio, Giovanni Tugnolo, Ramon Farre, Raffaele L. Dellaca, Speaker to be confirmed

**Telemetrically triggered interventions in the first month of cpap treatment - A prospective, randomized controlled intervention trial in patients with a new diagnosis of obstructive sleep apnea syndrome**

Otto Schoch, Gabriel Benz, Florent Baty, Jolanda Niedermann, Martin Brutsche, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Exploring mechanisms in health and disease****Chairs :****Heart rhythm disorders in patients with chronic obstructive pulmonary disease**

Sergiu Matcovschi, Valentin Calancea, Tatiana Dumitras, Nicolae Bodrug, Doina Barba, Marina Podoroghin, Speaker to be confirmed

**Blood eosinophil count as a predictor of obstructive airway disease (OAD) in a high parasite burden setting**

V. Pratibh Prasad, Jai Mullerpattan, Radhika Banka, Avinash Gandhare, Lancelot Pinto, Speaker to be confirmed

**The pulmonary artery-aorta ratio, exacerbation rate and quality of life in stable COPD patients**

Hassan Ghobadi-Marallu, Hamid Janbazi, Shahrzad M. Lari, Speaker to be confirmed

**A neo-epitope of collagen type VII (C7) is elevated in serum of patients with COPD and SSC**

Jannie Marie Bülow Sand, Patricia Lamy, Morten Asser Karsdal, Diana Julie Leeming, Speaker to be confirmed

**Does higher DECAF score increase length of hospital stay in acute exacerbation of COPD?**

Rajesh Kumar Yadavilli, Nirav Shah, Chris Craig, Lucy Collier, Speaker to be confirmed

**Phenotypic predictors of chronic obstructive pulmonary disease exacerbations in the BIOAIR study**

Karin Strandberg, Christer Janson, Barbro Dahlén, Maciek Kupczyk, Sven-Erik Dahlén, On Behalf of the BIOAIR Consortium, Speaker to be confirmed

**Regional lung function determined by electrical impedance tomography in lung-healthy adults**

Barbara Vogt, Kathinka Ehlers, Victoria Hennig, Norbert Weiler, Iné z Frerichs, Speaker to be confirmed

**Multiple breath washout (MBW) using sulfur hexafluoride – Proof of concept in COPD**

Frederik Trinkmann, Daniel Saur, Katharina Roth, Martin Borggreffe, Jens J. Kaden, Julia D. Michels, Joachim Saur, Speaker to be confirmed

**Does positive bronchodilator reversibility testing predict positive bronchoprovocative methacholine challenge testing in suspected asthma patients**

Nataš a Karamarkovic Lazaruš ic, Bojana Butorac Petanjek, Anita Ljubivic, Melita Jeric, Speaker to be confirmed

**Gender difference in asthma; symptoms, risk factors, comorbidities and emergency visits**

Bilun Gemicioğlu, Benan Musellim, Onur Merzifonlu, Ipek Calik, Ayse Firuze Ozgokce, Speaker to be confirmed

**Comorbid coronary artery disease is related to worse outcomes in patients hospitalised for COPD exacerbation**

Andriana Papaioannou, Konstantinos Bartziokas, Stelios Loukides, Stamatoula Tsirikika, Foteini Karakontaki, Aikaterini Haniotou, Spyros Papiiris, Konstantinos Kostikas, Speaker to be confirmed

**Midrange-proadrenomedullin in stable state predicts severe exacerbation of COPD**

Emanuel Citgez, Job van der Palen, Paul van der Valk, Marjolein Brusse-Keizer, Speaker to be confirmed

**Different chronic obstructive pulmonary disease phenotypes, systemic inflammation and the risk of falls**

Emanuela Tudorache, Cristian Oancea, Alexandru Crisan, Camelia Pescaru, Ovidiu Fira-Mladinescu, Voicu Tudorache, Speaker to be confirmed

**Static hyperinflation and respiratory disability were associated with frequent-exacerbation phenotype in patients with severe COPD**

Alberto Capozzolo, Pierluigi Carratu, Giorgio Castellana, Giuseppina D' Alba, Ruben Infantino, Michele Maiellari, Lorenzo Marra, Maria Rosaria Vulpi, Vito Liotino, Onofrio Resta, Speaker to be confirmed

**Uncovering the reality of life with severe asthma**

Juliet Foster, Vanessa McDonald, Michael Guo, Helen Reddel, Speaker to be confirmed

**Performance characteristics of an ECL immunoassay for the quantitation of serum periostin**

Stefan Palme, Robert H. Christenson, Saeed A. Jortani, Richard E. Ostlund, Ruediger Kolm, Guido Kopal, Ruediger P. Laubender, Speaker to be confirmed

**LSC Abstract – Macrophage phenotype changes within the small airway wall in smokers and chronic obstructive pulmonary disease**

Kielan McAlinden, Speaker to be confirmed

**Day-to-day variability of inspiratory resistance: A sensitive and specific marker of asthma**

Alessandro Gobbi, Carlo Gulotta, Bela Suki, Enrico Mellano, Michele Vitacca, Fausto Colombo, Riccardo Pellegrino, Vito Brusasco, Raffaele Dellaca', Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Paediatric asthma: recurrent, persistent or severe obstruction and lung function techniques****Chairs :****Inpatient treatment at sea level and high altitude in problematic severe childhood asthma**

Victorine Roos, M. Legemaat, W.A.F. Balemans, K.M. de Winter-de Groot, M.A.J.M. Trijbels-Smeulders, Speaker to be confirmed

**Predictive factors for the development of fixed airway obstruction in asthmatic children and adolescents**

Andrey Sousa, Anna Cabral, Milton Martins, Celso Carvalho, Speaker to be confirmed

**Improvements in asthma control following a period of electronic monitoring are sustained**

Angela Jamalzadeh, Anja Jochmann, Luca Artusio, Sejal Saglani, Urs Frey, Andrew Bush, Louise Fleming, Speaker to be confirmed

**Patterns of nonadherence in children with severe asthma**

Christina Pearce, Anja Jochmann, Andrew Bush, Robert Horne, Louise Fleming, Speaker to be confirmed

**Airflow limitation and airway inflammation of asthmatic adolescents in remission**

Eiji Morita, Kenichi Tokuyama, Takeshi Koga, Shunichi Ogawa, Atsushi Itano, Yutaka Ueda, Speaker to be confirmed

**Safeguarding concerns are common in children with problematic severe asthma**

Pippa Hall, Dave Winch, Angela Jamalzadeh, Michelle Nightingale, Fran Beresford, Sejal Saglani, Andrew Bush, Louise Fleming, Speaker to be confirmed

**Is it possible to identify phenotypes of problematic severe asthma in children using fluctuation based clustering?**

Anja Jochmann, Luca Artusio, Angela Jamalzadeh, Hoda Sharifian, Andrew Bush, Urs Frey, Edgar Delgado-Eckert, Louise Fleming, Speaker to be confirmed

**A deficient immune response to viral infections predicts asthma persistence in children**

Simonetta Baraldo, Marco Contoli, Matteo Bonato, Deborah Snijders, Erica Bazzan, Graziella Turato, Chiara Rigobello, Brunilda Marku, Mariaenrica Tiné, Kim Lokar Oliani, Manuel Cosio, Angelo Barbato, Alberto Papi, Marina Saetta, Speaker to be confirmed

**Colonisation with filamentous fungi and acute asthma exacerbations in children**

Kathryn Welsh, Catherine H. Pashley, Jack Satchwell, Andrew J. Wardlaw, Erol A. Gaillard, Speaker to be confirmed

**Wet cough in paediatric severe therapy resistant asthma (STRA)**

Prasad Nagakumar, Habib Ali, Priti Kenia, Satish Rao, Speaker to be confirmed

**The effect of bronchodilation and spirometry on exhaled nitric oxide**

Theodoros Karampitsakos, Adonis Protopapas, Maria Gianoloudi, Athanasios Chatzimichail, Emmanouil Paraskakis, Speaker to be confirmed

**Data processing for steady-state models of multiple flow exhaled nitric oxide**

Sandrah Eckel, Edward Rappaport, Noa Molshatzki, Patrick Muchmore, Philip Silkoff, Rima Habre, William Linn, Kiros Berhane, Yue Zhang, Frank Gilliland, Speaker to be confirmed

**Usefulness of exhaled nitric oxide in newborns to predict asthma at school age**

Jakob Usemann, Oliver Fuchs, Pinelopi Anagnostopoulou, Insa Korten, Olga Gorlanova, Martin Röösli, Philipp Latzin, Urs Frey, Speaker to be confirmed

**Real-time analysis of exhaled volatile organic compounds (eVOC) in wheezy preschool children**

Misty Makinde, Karl A. Holden, Sarina Hussain, Timothy Coats, Erol Gaillard, Speaker to be confirmed

**Use of allergen sensitization and cotinine tests to predict high risk asthma in urban children**

Arlene Butz, Cassia Land, Joan Kub, Mona Tsoukleris, Mary Elizabeth Bollinger, Speaker to be confirmed

**Early bronchial basement membrane thickening does not predict lung function impairment in preschool age**

Katarina Berankova, Lenka Honkova, Jiri Uhlík, Petr Pohunek, Speaker to be confirmed

**Medication delivery testing of valved holding chambers (VHCs) with facemask for infant use by means of a model infant face**

Jason Suggett, Mark Nagel, Val Avvakoumova, Jolyon Mitchell, Speaker to be confirmed

**Effect of interval between actuations of albuterol HFA inhalers on their aerosol characteristics**

Ariel Berlinski, David Pennington, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Malignant pleural disease: diagnosis and management**

Chairs :

**Clinical specialist nurse led ambulatory indwelling pleural catheter service : A 2 year review**

Farinaz Noorzad, Deepan Sivakumar, Liju Ahmed, Speaker to be confirmed

**Association of biochemical determinants and fibrinous formation in malignant pleural effusion**

Amornpun Wongkarnjana, Noppachan Uprasert, Kamon Kawkitinaron, Speaker to be confirmed

**Utility of sending pleural fluid for cytology at the time of thoracoscopy and pleural biopsy**

Shahul Leyakathali Khan, Mohammed Haris, Mohammed Munavvar, Speaker to be confirmed

**Lent score validation on patients with malignant pleural effusion**

Ioannis Psallidas, Nikolaos Kannelakis, Ahmed Yousuf, John Corcoran, Rob Hallifax, John Wrightson, Rachel Mercer, Ambika Talwar, Najib Rahman, Speaker to be confirmed

**Etiology of pleural effusions in a general hospital**

Julia Tarrega Camarasa, Marc Moreno Ariño, Judith Padros Pedraza, Enric Barbeta Sanchez, Speaker to be confirmed

**Pleural ultrasonic elastography in the diagnosis of malignant pleural effusion**

Gang Hou, Bin Jiang, Qing Tian, Tong Zhang, Yan Yin, Wang-shu Song, Jian Kang, Speaker to be confirmed

**Incidence and characteristics of pleural effusions in patients with chronic lymphocytic leukemia- A 16 year experience**

Bibek Pannu, Vivek Iyer, Kari Chaffee, Sara Achenbach, Call Timothy, Tait Shanafelt, Speaker to be confirmed

**Prognostic factors associated to survival in patients with malignant pleural effusion (MPE) undergoing talc poudrage pleurodesis (TPP)**

Rocio Magdalena Diaz Campos, Maria Victoria Villena Garrido, Enrique Cases Viedma, Jose Manuel Porcel Perez, Inmaculada Alfageme Michavila, Carmen Aleman, Francisco Rodriguez Panadero, Speaker to be confirmed

**Talc pleurodesis: It's not for everyone**

Carmen Tan, Mark Tien, Chuen Peng Lee, Speaker to be confirmed

**Pleurodesis success rate for malignant pleural effusions - talc slurry vs. poudrage**

Khalis Boksh, Charlotte Swales, Jonathan Bennett, Pranab Haldar, Muhammad Tufail, Rakesh Panchal, Speaker to be confirmed

**Outcome of patients with non specific pleuritis after medical thoracoscopy**

Ilias Porfyridis, Philip Emmanouil, Rodoula Triggidou, Frangiskos Frangopoulos, Maria Maimari, Panayiota Kara, Andreas Georgiou, Grigoris Stratakos, Speaker to be confirmed

**Role of thoracoscopic pleural lavage and brush in undiagnosed exudative pleural effusion**

Ahmed Khames, Mohamed Zamzam, Samy Eldahdouh, Hala Elraby, Hana Eid, Speaker to be confirmed

**Ultrasound guided pleural brushing: A new method for obtaining pleural specimen in malignant effusion**

Gamal Agmy, Yousef Ahmed, Alaa Hassan, Gamal Agmy, Speaker to be confirmed

**Differences according to age and sex among patients with malignant pleural effusion as a presentation form of cancer**

Maria Teresa Perez Warnisher, Rosario Melchor, Maite Rio, Beatriz Morales, Eva de Santiago, Ismael Ali, Marisi Verdugo, Mercedes Izquierdo, Raquel Pérez rez, Ignacio Granda, Barbara Steen, Yolanda Martínez, Victoria Villena, Nuria Abaad, Speaker to be confirmed

**Malignant pleural effusion as the initial manifestation of gynecological malignancies**

Maria Teresa Perez Warnisher, Beatriz Morales, Rosario Melchor, Victoria Villena, Ignacio de Granda, Barbara Steen, Mercedes Izquierdo, Yolanda Martínez, Raquel Pérez rez, Maite Río, Eva de Santiago, Marisi Verdugo, Ismael Ali, Nuria Abad, Speaker to be confirmed

**The role of endobronchial ultrasound guided fine needle aspiration in the diagnosis and staging of pleural mesothelioma**

Fusun Alatas, Emine Dundar, Muzaffer Metintas, Huseyin Yildirim, Guntulu Ak, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Novel insights into the treatment of COPD**

Chairs :

- 08:30** **Central role of AC6 in  $\beta_2$  agonist induced relaxation of human airway smooth muscle**  
Eric Dubuis, Catherine Wrench, Bilel Dekkak, Fisnik Shala, Yasin Shaifta, Jeremy Ward, Julia Gorelik, Maria Belvisi, Mark Birrell, Speaker to be confirmed
- 08:45** **In vitro pharmacological characterization of a novel p38 (MAPK14) inhibitor designed for inhaled delivery**  
Nadia Moretto, Carmelida Capaldi, Elisabetta Armani, Mary Fitzgerald, Henry Finch, Craig Fox, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Fabrizio Facchinetti, Speaker to be confirmed
- 09:00** **Inhibition of NOX2 oxidase activity ameliorates cigarette smoke-induced lung inflammation and wasting in mice**  
Ivan Bernardo, Samantha Passey, Huei Jiunn Seow, Michelle Hansen, Steven Bozinovski, Ross Vlahos, Speaker to be confirmed
- 09:15** **A randomised double-blind placebo-controlled trial of the effect of inhaled heparin on lung function, hyperinflation and exercise capacity in patients with COPD**  
Janis Shute, Luigino Calzetta, Vittorio Cardaci, Stefania Di Toro, Clive Page, Mario Cazzola, Speaker to be confirmed



- 09:30** **Pulse wave velocity (PWV) in patients (pts) with moderate COPD and cardiovascular risk: The effect of an inhaled long-acting  $\beta_2$ -agonist/corticosteroid (SUMMIT)**  
Courtney Crim, Robert Brook, Julie Anderson, Sally Kilbride, Peter Calverley, Bartolome Celli, Fernando Martinez, Jørgen Vestbo, Julie Yates, David Newby, Speaker to be confirmed
- 09:45** **Effects of a single inhaled budesonide/formoterol dose on glucocorticoid receptor activity in sputum of COPD patients**  
Amir Hakim, Younis Khan, Ignacio Esteban, Anna Miller-Larsson, Peter Barnes, Omar Usmani, Speaker to be confirmed
- 10:00** **Indacaterol/glycopyrronium (IND/GLY) is more effective than salmeterol/fluticasone (SFC) in reducing exacerbations, regardless of outcome measurement utilised: Results from the FLAME study**  
Dorothy Keininger, Jadwiga A. Wedzicha, Jørgen Vestbo, Tim Ayers, Angel FowlerTaylor, Chau Thach, Michael Larbig, Elaine Askin, Robert Fogel, Francesco Patalano, Donald Banerji, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: Predictors of asthma among children and adults

Chairs :

- 08:30** **Tetanus vaccination reduces the risk of asthma in adolescence by differential DNA-methylation**  
Vimala Devi Janjanam, Nandini Mukherjee, Hongmei Zhang, John W. Holloway, Hasan Arshad, Faisal I. Rezwani, Wilfried Karmaus, Speaker to be confirmed
- 08:45** **Association of living in a farming environment with asthma incidence in Canadian children**  
Marc Parsons, Jeremy Beach, Ambikiapakan Senthilselvan, Speaker to be confirmed
- 09:00** **Adverse pregnancy outcomes and familial confounding in asthmatic women – A population based family design study**  
Gustaf Rejnö, Cecilia Lundholm, Kjell Larsson, Henrik Larsson, Paul Lichtenstein, Brian M. D'Onofrio, Sissel Saltvedt, Catarina Almqvist, Speaker to be confirmed
- 09:15** **Dampness and mould on respiratory health – A longitudinal approach. Results from the MeDALL study**  
Christina Tischer, Carla Tiesler, Marie Standl, Ulrike Gehring, Alet Wijga, Erik Melen, Jesse Thacher, Maties Torrent, Jordi Sunyer, Thomas Keil, Isabella Annesi-Maesano, Josep M. Anto, Joachim Heinrich, Speaker to be confirmed
- 09:30** **Atopy as a predictor of allergic respiratory diseases in an Italian general population sample**  
Sandra Baldacci, Sara Maio, Anna Angino, Sonia Cerrai, Giuseppe Sarno, Franca Martini, Francesco Di Pede, Francesco Pistelli, Laura Carrozzi, Giovanni Viegi, Speaker to be confirmed
- 09:45** **Age at allergic sensitization is strongly related to asthma and rhinitis in young adulthood**  
Joakim Bunne, Linnea Hedman, Martin Andersson, Helena Backman, Bo Lundbäck, Eva Rönnmark, Speaker to be confirmed
- 10:00** **Influence of gene-by-early environmental tobacco smoke exposure interactions on time-to-asthma onset**  
Chloé Sarnowski, Marie-Hélène Dizier, Raquel Granell, Debbie Jarvis, Markus J. Ege, Catherine Laprise, Pierre-Emmanuel Sugier, Patricia Margaritte-Jeannin, William Cookson, Miriam Moffatt, Mark Lathrop, Isabelle Pin, Erika Von Mutius, Valérie Siroux, John Henderson, Manolis Kogevinas, Florence Demenais, Emmanuelle Bouzigon, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: Early determinants of childhood asthma and allergy

Chairs :

- 08:30** **17q21 variants are strongly associated with persistence of symptoms in young children with wheeze**  
Raquel Granell, Jonathan Sterne, John Henderson, Speaker to be confirmed
- 08:45** **Childhood asthma in relation to maternal and paternal preconceptional nicotine exposures**  
Lennart Braback, Caroline Lodge, Adrian Lowe, Shyamali Dharmage, David Olsson, Bertil Forsberg, Speaker to be confirmed
- 09:00** **Fetal origins of persistent childhood asthma**  
Stephen Turner, Shona Fielding, Graham Devereux, Speaker to be confirmed
- 09:15** **Maternal sugar intake during pregnancy and respiratory and atopic outcomes in childhood**  
Annabelle Bédard, Kate Northstone, John Henderson, Seif Shaheen, Speaker to be confirmed
- 09:30** **Maternal but not paternal BMI is associated with childhood wheeze and infant respiratory infections**  
Katy Pike, Ashley Rajappan, Hazel Inskip, Keith Godfrey, Jane Lucas, Speaker to be confirmed

**09:45** **Can risk factors for COPD be traced back to infancy? The Perth infant asthma follow up study**  
Louisa Owens, Ingrid A. Laing, Guicheng Zhang, Stephen Turner, Des Cox, David Mullane, Peter N. Le Souef, Speaker to be confirmed

**10:00** **A child's spit epigenome can reveal its respiratory allergy risk**  
Sabine Langie, Matthieu Moisse, Katarzyna Szarc vel Szic, Ellen Van Der Plas, Gudrun Koppen, Guy Van Camp, Diether Lambrechts, Greet Schoeters, Wim Vanden Berghe, Patrick De Boever, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: Lung allograft dysfunction: insight into inflammatory/immune mechanisms

Chairs :

**08:30** **The influence of extracorporeal photopheresis on NF  $\kappa$ B signaling and cytokine expression in lung transplant patients**  
Linda Langehegermann, Ilona Spyra, Vasiliki Besa, Björn E. Kleibrink, Gerhard Weinreich, Helmut Teschler, Uwe Hillen, Bastian Schilling, Cindy Franklin, Sabine Meyer, Esra Alabas, Markus Kamler, Peter A. Horn, Vera Rebmann, Urte Sommerwerck, Speaker to be confirmed

**08:45** **Inflammatory response following DCD and DBD lung transplantation**  
Rosalba Romano, Louit Thakuria, Shirin Sheibani, Fabio De Robertis, Aron-Frederik Popov, Mohamed Amrani, Toufan Bahrami, Paras Dalal, Simona Soresi, Martin Carby, Anna Reed, Andre Simon, Nandor Marczin, Harefield POPSTAR Group, Speaker to be confirmed

**09:00** **Intra tracheal instillation of BMSC-cm attenuate acute rejection in rat lung allotransplantation**  
Jaroslaw Pierog, Luca Tamo, Gregor Kocher, Richard Fakin, Mathias Gugger, Tomasz Grodzki, Thomas Geiser, Amiq Gazdhar, Ralph Alexander Schmid, Speaker to be confirmed

**09:15** **Epithelial-mesenchymal transition in chronic lung allograft dysfunction. Role of leucocyte microparticles**  
Benjamin Renaud-Picard, Justine Toussaint, Fatiha El Ghazouani, Florence Toti, Laurence Kessler, Romain Kessler, Speaker to be confirmed

**09:30** **Effects of infections on lipidomic profile of bronchial washing (BW) and bronchoalveolar lavage (BAL) after lung transplantation**  
Domenica Federica Briganti, Beatrice Aramini, Carla Kim, Robin Chan, Bowen Zhou, Somwmya Sreekanth, Kashif Raza, Hilary Robbins, Lori Shah, Selim Arcasoy, Joshua Sonett, Federica Meloni, Gilbert Di Paolo, Frank D' Ovidio, Speaker to be confirmed

**09:45** **A post-hoc analysis of donor lungs declined for transplantation**  
Stijn Verleden, An Martens, Tobias Heigl, Hannelore Bellon, Elly Vandermeulen, Robin Vos, Johny Verschakelen, Walter Coudyzer, Dirk Van Raemdonck, Arne Neyrinck, Bart Vanaudenaerde, Speaker to be confirmed

**10:00** **Long-term kinetics of CD19<sup>+</sup>CD24<sup>high</sup>CD38<sup>high</sup>Breg cells in lung transplant recipients**  
Davide Piloni, Monica Morosini, Sara Magni, Alice Balderacchi, Emanuela Cova, Simona Inghilleri, Andrea Maria D' Armini, Luigia Scudeller, Filippo Antonacci, Tiberio Oggionni, Federica Meloni, Speaker to be confirmed

08:30 - 10:30

## Oral Presentation: Community acquired pneumonia: update on prognostic factors and therapeutic strategies

Chairs :

**08:30** **Do school holidays affect adult pneumococcal community acquired pneumonia incidence?**  
Priya Daniel, Chamira Rodrigo, Thomas Bewick, Sonia Greenwood, Tricia McKeever, Carmen Sheppard, Mary Slack, Wei Shen Lim, Speaker to be confirmed

**08:45** **Cardiac troponin T in predicting mortality after hospitalisation for community-acquired pneumonia**  
Stefan Vestjens, Simone Spoorenberg, Ger Rijkers, Jan Grutters, Jurriën Ten Berg, Ewoudt van de Garde, Willem Jan Bos, Speaker to be confirmed

**09:00** **Biomarkers and cardiovascular events in community-acquired pneumonia**  
Raúl I Méndez, Irene Aldás, Isabel Amara-Elori, Alexandra Gimeno, Tomás Posadas, Soledad Reyes, Marta Suescun, Ricardo Alonso, Rosario Menéndez, Speaker to be confirmed

- 09:15** **Survival benefit of beta-lactam plus macrolide combined therapy versus beta-lactam plus quinolones in hospitalized community-acquired pneumonia**  
Francisco Sanz Herrero, Estrella Fernández-Fabrellas, Eusebi Chiner, María Luisa Briones, Ruben Lera, María Carmen Aguilar, Ángela Cervera, José Blanquer, Speaker to be confirmed
- 09:30** **Benefits of co-administration of macrolides and glucocorticosteroids in the treatment of severe community acquired pneumonia**  
Adrian Ceccato, Miquel Ferrer, Albert Gabarrus, Oriol Sibilla, Eva Polverino, Catia Cilloniz, Carlos Agusti, Francisca Lopez, Michael Niederman, Antoni Torres, Speaker to be confirmed
- 09:45** **Prior use of both a statin and ARB is associated with lower mortality for patients hospitalized with pneumonia**  
Eric Mortensen, Antonio Anzueto, Speaker to be confirmed
- 10:00** **Non-steroidal anti-inflammatory drugs may worsen the course of community-acquired pneumonia : A cohort study**  
Damien Basille, Charlotte Trouve, Nathalie Plouvier, Claire Andrejak, Vincent Jounieaux, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Therapeutic trials in lung cancer**

Chairs :

- 08:30** **Co-expression of S100A14 and S100A16 is a predictive marker for platinum-based adjuvant chemotherapy in resected lung adenocarcinomas**  
Ken Katono, Yuichi Sato, Shinichiro Ryuge, Ryo Nagashio, Masanori Yokoba, Masato Katagiri, Kazu Shiomi, Yukitoshi Satoh, Noriyuki Masuda, Speaker to be confirmed
- 08:45** **24h-blood profile gene expression biomarkers of the response to bevacizumab-erlotinib (BE) in advanced non-squamous non-small cell lung cancer (NSCLC)**  
Florent Baty, Martin Früh, Markus Jörgler, Martin Brutsche, Speaker to be confirmed
- 09:00** **Gefitinib versus erlotinib as first-line treatment in EGFR mutant advanced lung adenocarcinoma**  
Chai Chee Shee, Liam Chong Kin, Pang Yong Kek, Kow Keng Siong, Poh Mau Ern, Wong Chee Kuan, Tan Jiunn Liang, Speaker to be confirmed
- 09:15** **Afatinib (A) vs gefitinib (G) as first-line treatment (tx) for patients (pts) with EGFR mutation-positive (EGFRm+) NSCLC: LUX-Lung 7**  
Vera Hirsh, Keunchil Park, Eng-Huat Tan, Li Zhang, Kenneth O'Byrne, Michael Boyer, James Chih-Hsin Yang, Tony Mok, Jean Fan, Dan Massey, Luis Paz-Ares, Speaker to be confirmed
- 09:30** **A case series of eight patients treated with alectinib including a case of interstitial lung disease**  
Yoshihiko Sakata, Kodai Kawamura, Yuko Yasuda, Naoki Shingu, Keisuke Anan, Kazuya Ichikado, Speaker to be confirmed
- 09:45** **A phase II trial of lipoplatin and gemcitabine in patients with NSCLC previously treated with platinum-based chemotherapy**  
Konstantinos Kaltsas, Stavros Anevlavis, Athanasia Pataka, Georgios Kouliatsis, Sofia Pozova, Demosthenes Bouros, Marios Froudarakis, Speaker to be confirmed
- 10:00** **A phase III randomised trial testing chemotherapy in extensive small-cell lung cancer (SCLC)**  
Jean-Paul Sculier, Jean-Jacques Lafitte, Anne-Pascale Meert, Vicente Giner, Jacques Lecomte, Arnaud Scherpereel, Marianne Paesmans, Nathalie Leclercq, Thierry Berghmans, Speaker to be confirmed

10:45 - 12:45

**Symposium: Hypoxia, the carotid body, and the brain**

**Aims :** The carotid body is a small organ of great physiological importance because it is the main sensor of hypoxia in the body. New data suggest that the carotid body plays a complex role in the modulation of sympathetic activity in response to not only hypoxia but also metabolic stimuli. This session will discuss the clinical implications of the most recent research, with special emphasis on the role of the carotid body in patients with sleep-disordered breathing. This session will also expand our understanding of the consequences of impaired blood gases in the brain in patients with respiratory diseases. The audience will leave the session with a better understanding of the mechanisms that underlie the functional handicaps of respiratory patients, and the new opportunities in treatment and patient management.

**Track(s) :** Physiology**Tag(s) :** Basic science**Chairs :** Susan Ward (Crickhowell, United Kingdom), Graham Hall (West Perth, Australia)

- 10:45** **The carotid body and hypoxia-induced sympathetic stimulation**  
Nanduri R Prabhakar (Chicago, United States of America)

**11:15**      **Effect of insulin on the carotid body: how dysmetabolic states affect sympathetic stimulation**  
Silvia Conde (Lisbon, Portugal)

**11:45**      **Hypoxic brain**  
Samuel Verges (Grenoble, France)

**12:15**      **Effect of interventions on cerebral oxygenation in patients with COPD**  
J. Alberto Neder (Kingston, Canada)

10:45 - 12:45

### Symposium: Oligometastasis: postmodern multimodality concepts

**Aims :** To show how the highly individualised approaches to oligometastatic situations will change as drug or targeted treatment modalities advance.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Chairs :** Erik Jakobsen (Odense C, Denmark), Rafael Rosell (Barcelona, Spain)

**10:45**      **What are oligometastases?**  
Joachim Pfannschmidt (Berlin, Germany)

**11:15**      **Genetics and evolution of primaries and oligometastases**  
Françoise Galateau-Salle (Caen, France)

**11:45**      **A new definition of multimodality treatment**  
Rudolf M. Huber (Munich, Germany), Speaker to be confirmed

**12:15**      **Gamma knife versus scalpel: the contest of disciplines**  
Dirk R. de Ruysscher (Leuven, Belgium), Speaker to be confirmed

10:45 - 12:45

### Symposium: The management of acute exacerbations of COPD

**Aims :** This session will provide an update on the useful non-pharmacological and pharmacological strategies for preventing acute exacerbations of COPD (AECOPD); describe the complex consequences of AEs; detail how current interventions can be adapted to meet the needs of patients following an AECOPD; and discuss the application of distance interventions and the role of modern technology in post-AE care.

**Tag(s) :** Clinical

**Chairs :** Matthew Maddocks (London, United Kingdom), Linda Nici (Providence, United States of America)

**10:45**      **Identifying novel targets of acute exacerbations**  
Louise Donnelly (London, United Kingdom)

**11:11**      **The extra-pulmonary consequences of an exacerbation**  
Milo Puhan (Zurich, Switzerland)

**11:37**      **Adapting interventions to meet the patients' needs after an AE**  
Samanta Harrison (Middlesborough, United Kingdom)

**12:03**      **The prevention of AECOPD**  
Judith Garcia Aymerich (Barcelona, Spain)

**12:30**      **Patient's testimonial**

10:45 - 12:45

### Symposium: Endotyping: the means to personalised medicine in lung disease

**Aims :** The aims of the session are to present the concept of endotyping in lung disease, describe how combinations of clinical and 'omic data and detailed bioinformatics analyses of biomarkers can be used to endotype lung diseases.

**Tag(s) :** Translational

**Chairs :** Kian Fan Chung (London, United Kingdom), Mina Gaga (Athens, Greece)

**10:45**      **Defining endotyping airway diseases**  
Gary P. Anderson (Parkville, Australia)

**11:15**      **Application of personalised medicine in lung cancer**  
Juergen Wolf (Konstanz, Germany)

**11:45**      **The omics approach to defining endotypes and personalising treatment pathways in asthma**  
Sally Wenzel (Pittsburgh, United States of America)

**12:15**      **The future of personalised medicine in COPD**  
Alvar Agusti Garcia-Navarro (Barcelona, Spain)

10:45 - 12:45

### Symposium: Childhood wheeze: are we making any progress?

**Aims :** The aim of this session is to discuss the progress in the management of preschool wheezing; describe the importance of the basics right for childhood asthma management; detail the modern approaches to phenotyping; and discuss future strategies for modifying the disease.

**Track(s) :** Paediatric

**Tag(s) :** Translational

**Target audience :** All paediatric pulmonologists and allied health professionals managing children with asthma

**Chairs :** Gunilla Hedlin (Stockholm, Sweden), Sejal Saglani (London, United Kingdom)

**10:45**      **Eosinophils are out of fashion: the only way forward is to target the neutrophils**  
Avraham Beigelman (Washington, United States of America)

**11:15**      **Asthma diagnosis and monitoring: do we have anything useful in addition to history and examination?**  
Karin C. Lodrup Carlsen (Oslo, Norway)

**11:45**      **Translational approaches to decipher mechanisms: does innate immunity affect disease onset or persistence?**  
Bianca Schaub (Germering, Germany)

**12:15**      **Future directions: preventing and treating asthma**  
Jonathan Grigg (London, United Kingdom)

10:45 - 12:45

### Symposium: Microbiome in health and in disease

**Aims :** The aim of this session is to give participants insight in the latest developments related to environmental and respiratory microbiome research, in particular focussed on the respiratory microbiome.

**Track(s) :** Epidemiology / Environment Infection

**Tag(s) :** Basic science

**Chairs :** Ruby Pawankar (Tokyo, Japan), Oliver Eickelberg (Munich, Germany), Chair to be confirmed

**10:45**      **Effect of the microbiome on early life**  
Erika von Mutius (Munich, Germany), Speaker to be confirmed

**11:15**      **Microbiome and early origins of lung disease**  
Debby Bogaert (Utrecht, Netherlands), Speaker to be confirmed

**11:45**      **The microbiome and the development of allergic lung disease**  
Speaker to be confirmed

**12:15**      **Gut microbiome in COPD**  
Philip Hansbro (Callaghan, Australia)

10:45 - 12:45

### Hot topics: The future is now: the aging challenge in respiratory medicine

**Aims :** The aims of this session are to discuss the most recent epidemiological data on ageing and multimorbidity and its effects on chronic lung disease; present the hallmarks of ageing on the organ and cellular level; and highlight ageing as a risk factor for chronic lung disease and identify potential consequences for therapy.

**Tag(s) :** Translational

**Target audience :** clinicians, clinicians scientists, scientist, nurses, general practitioners.

**Chairs :** Leonardo Michele Fabbri (Modena, Italy), Melanie Koenigshoff (Munich, Germany)

**10:45**      **The aging population**  
Annette Peters (Munich, Germany)

**11:15**      **Cellular drivers of aging**  
Speaker to be confirmed

**11:45**      **Aging in lung disease**  
William MacNee (Edinburgh, Scotland, United Kingdom)

**12:15**      **Therapeutic approaches to lung aging**  
Speaker to be confirmed

10:45 - 12:45

### Year in review: Pulmonary endoscopy 2016 to freeze, heat, block or dig

**Aims :** Major advancements in pulmonary endoscopy have been made recently that resulted in high impact publications in 2015. In this session we aim to share these novel advancements with the pulmonary community at large important diagnostic and therapeutic endoscopic advancements in the field of emphysema, asthma, interstitial lung disease as well as lung cancer will be discussed.

**Tag(s) :** Clinical

**Chairs :** Jouke T. Annema (Amsterdam, Netherlands), Pallav L. Shah (London, United Kingdom)

**10:45**      **When to freeze?**  
Venerino Poletti (Forli, Italy)

**11:15**      **When to heat?**  
Speaker to be confirmed

**11:45**      **When to block?**  
Dirk-Jan Slebos (Groningen, Netherlands)

**12:15**      **When to dig?**  
Maren Schuhmann (Heidelberg, Germany)

10:45 - 12:45

### Poster Discussion: Epidemiological and clinical data for the modern management of chronic lung diseases

**Chairs :**

**Incidence of sleep apnea among ischemic stroke patients**  
Jaana Huhtakangas, Tarja Saaresranta, Juha Huhtakangas, Speaker to be confirmed

**Pulmonary thromboembolism (PE) in patients with interstitial lung diseases (ILD)**  
Olga P. Baranova, Lubov Novikova, Alexandra Speranskaya, Valentina Zolotnitskaya, Vitalij Perlej, Alexej Gichkin, Speaker to be confirmed

**Erdheim-Chester disease: Patterns and pulmonary involvement**  
Felicia Teo, Annie Law, Michelle Poon, Ching Ching Ong, Cynthia Chee, Gin Tsen Chai, Speaker to be confirmed

**Incidence of Arnold's nerve reflex in patients with chronic cough**  
Peter Dicipinigaitis, Speaker to be confirmed

**Cough clinical practice guidelines: A critical review of scientific evidence and recommendations**  
Mei Jiang, Weijie Guan, Zhangfu Fang, Kefang Lai, Nanshan Zhong, Speaker to be confirmed

**Symptoms of autonomic dysfunction in chronic cough patients**  
Rachel Dockry, Carmen Gibbard, Joanne Mitchell, Douglas Corfield, Jaclyn Smith, Speaker to be confirmed

**The role of intratracheal dilation – Injection technique in treatment of granulomatosis with polyangiitis (GPA) patients with subglottic stenosis**  
Justyna Fijolek, Elzbieta Wiatr, Dariusz Gawryluk, Magdalena Maria Martusewicz-Boros, Tadeusz Maria Orłowski, Dariusz Dziedzic, Małgorzata Polubiec-Kownacka, Karina Oniszh, Renata Langfort, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**Levodropropizine effect on respiratory centre output, a randomized clinical trial**  
Federico Saibene, Claudia Mannini, Federico Lavorini, Luigi Lanata, Giovanni Fontana, Speaker to be confirmed

**Retrospective observational evaluation of the adult in-patient oxygen weaning process and causes for delay**  
Nan Ma, Ravi Goparaju Reddy, Liju Ahmed, Speaker to be confirmed

**Real-time determination of slightly volatile amino acids in the exhalome by secondary electrospray ionization. A proof-of-principle study**

Thomas Gaisl, Diego Garca-Gomez, Lukas Bregy, Alessio Cremonesi, Pablo Martinez-Lozano Sinues, Malcolm Kohler, Renato Zenobi, Speaker to be confirmed

**Symptoms of exercise-induced bronchoconstriction in skiers and biathletes**

Lidiya Nikitina, Svetlana Soodaeva, Fedor Petrovsky, Yulia Petrovskaya, Tatiana Shashkova, Maria Glukhova, Speaker to be confirmed

**Relationship between the type of lipid intake and endotelial function in respiratory failure patients**

Edna Contreras Ramrez, Dulce Gonzalez-Islas, Arturo Orea-Tejeda, Juan Pineda-Juarez, Raul Herrera-Saucedo, Marcela Elizondo-Montes, Brenda Santellano-Juarez, Rocıo Sanchez-Santillan, Rafael Dıaz-Martınez, Carlos Cıntora-Martınez, Oscar Infante-Vazquez, Roberto Martınez-Memije, Jesus Hernandez-Senteno, Carlos Espinoza de los Monteros, Speaker to be confirmed

**Changes in muscle quality and mass in intensive care unit ventilated patients**

Chiharu Fujisawa, Akira Tamaki, Hideki Ikushima, Hirofumi Matsuoka, Speaker to be confirmed

**Diaphragmatic weakness contributes to prolonged mechanical ventilation in critical ill patients**

Xiaoping Zhu, Feifei Wang, Changjing Zhang, Lei Shao, Shaolin Ma, Speaker to be confirmed

**A multicentre evaluation of inter-multidisciplinary team agreement for diagnosis in diffuse lung disease**

Simon Walsh, Athol Wells, David Hansell, Speaker to be confirmed

**A multicentre evaluation of inter-multidisciplinary team agreement for predicted disease behaviour and management strategy in diffuse lung disease**

Simon Walsh, Athol Wells, David Hansell, Speaker to be confirmed

**Respiratory long term outcomes of pectus excavatum in patients after Nuss surgery**

Szymon Skoczynski, Tomasz Koszutski, Marta Bunarowska, Grzegorz Kudela, Grzegorz Brozek, Katarzyna Repetowska, Malgorzata Farnik, Janusz Bohosiewicz, Adam Barczyk, Speaker to be confirmed

**Nasal nitric oxide (nNO) in paediatric primary ciliary dyskinesia (PCD) and in healthy children - On the lookout for optimal cut-off and reference range**

Marcin Mikos, Irena Wojsyk-Banaszak, Magdalena Roszak, Anna Breborowicz, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: New insights in pulmonary rehabilitation for chronic lung diseases****Chairs :****Efficacy of preoperative comprehensive pulmonary rehabilitation in patients with lung cancer**

Dicle Yilmaz Kaymaz, Pinar Ergun, Ipek Candemir, Selim Erkman Gulhan, Goktur Findik, Nese Demir, Filiz Tasdemir, Nurcan Egesel, Fatma Sengul, Speaker to be confirmed

**Post-Hospitalisation Pulmonary Rehabilitation (PHPR) in COPD patients- A retrospective cohort study**

Rachel Tuffnell, Victoria Lord, Lynda Haggis, Tony de Boeck, Maria Koulopoulou, Irem Patel, Speaker to be confirmed

**Outcomes of a pulmonary rehabilitation program in chronic obstructive pulmonary disease**

Dario Nieri, Elisa Ageno, Laura Malagrino, Francesco Costa, Sabrina Santerini, Sandra Antonelli, Claudia De Simone, Giovanna De Cusatis, Barbara Vagaggini, Pierluigi Paggiaro, Speaker to be confirmed

**Are the gains of pulmonary rehabilitation in young and elderly patients same?**

Ipek Ozmen, Elif Yildirim, Murat ozturk, Ozgur Yilmaz, Cuneyt Salturk, Ruyhan Aydin, Nur Usgun, Nurgul Yer, Speaker to be confirmed

**Adapting local practices can increase compliance and hence outcome of pulmonary rehabilitation (PR) in resource limited settings**

Mrityunjaya Singh, Govind Narayan Srivastava, Manoj Meena, Shruti Singh, Speaker to be confirmed

**Rehabilitation of patients with allotransplantation of hematopoietic stem cells**

Daniel Veale, Frederic Herengt, Mauricette Michallet, Helene Labussiere Wallet, Richard Brion, Speaker to be confirmed

**Pulmonary rehabilitation (PR) capacity, uptake and completion rate in the East of England**

Lianne Jongepier, Ruth Barlow, Speaker to be confirmed

**Demographics of patients with COPD in relation to pulmonary rehabilitation using the health improvement network (THIN)**

Ali Hakamy, Charlotte E. Bolton, Tricia M. McKeever, Speaker to be confirmed

**Pulmonary rehabilitation programmes - Are we wasting capacity?**

Lianne Jongepier, Ruth Barlow, Speaker to be confirmed

**The effect of co-existent chronic heart failure (CHF) on lower limb muscle function in COPD:****Propensity matched analysis**

Veronica Delogu, Claire M. Nolan, Jane L. Canavan, Sarah E. Jones, Elizabeth J. Fletcher, Samantha S.C. Kon, Rachael A. Evans, Rebecca Lane, Jennifer K. Quint, Derek Bell, Martin R. Cowie, William D. Man, Speaker to be confirmed

**The effect of physical rehabilitation (PR) on the severity of symptoms of OSAS in patients with chronic obstructive pulmonary disease (COPD) and obstructive sleep apnoea syndrome (OSA)**

Olena Krakhmalova, Yulia Kharchenko, Olena Izmailova, Speaker to be confirmed

**COPD and co-existent chronic heart failure (CHF): Response to pulmonary rehabilitation (PR)**

Elizabeth Fletcher, Claire M. Nolan, Jane L. Canavan, Sarah E. Jones, Veronica Delogu, Rachael Evans, Rebecca Lane, Derek Bell, Jennifer K. Quint, Martin W. Cowie, William D. Man, Speaker to be confirmed

**Cardiometabolic risk profile in muscle wasted COPD patients with abdominal obesity and the effect of pulmonary rehabilitation**

Rosanne Beijers, Coby van de Bool, Bram van den Borst, Frits Franssen, Emiel Wouters, Annemie Schols, Speaker to be confirmed

**Supervised exercise training improves exercise cardiovascular function in idiopathic pulmonary fibrosis**

Baruch Vainshelboim, Mordechai Kramer, Benjamin Fox, Jose Oliveira, Speaker to be confirmed

**FEV1%pred and BMI are weak predictors for clinical outcome after pulmonary rehabilitation in COP**

Janneke Dilling, Hester van der Vaart, Johan Wempe, Speaker to be confirmed

**Home pulmonary rehabilitation program in COPD : Conditioning factors**

Mariara Calderon Alcala, Beatriz Morales Chacón, Maria Estévez, Ina Guerassimova, Juan Luis Rodriguez, Juan Ringual, Elena Forcén, Alfonso Montero Pacios, Manuel Enrique Fuentes Ferrer, Eva Escobar García, Mercedes Bernabeu Lledo, Myriam Calle Rubio, Speaker to be confirmed

**Performance during dual task and impact of a pulmonary rehabilitation in COPD**

Nelly Heraud, Corentin Davy, Emilie Tremey, Amandine Calvat, Nicolas Oliver, Pierre-Louis Bernard, Alain Varray, Speaker to be confirmed

**Therapeutic activities during a pulmonary rehabilitation program in patients with chronic respiratory failure**

Mônica Silveira Lapa, Juliana Nascimento Oliveira, Selma Denis Squassoni, Nadine Cristina Machado, Luciene Costa Bortolassi, Cecilia Melo Rosa Tavares, Priscila Kessar Cordoni, Ahmad Abduny Rahal, Elie Fiss, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Diagnostic and therapeutic challenges in acute respiratory failure****Chairs :****Diaphragmatic ultrasonography during spontaneous breathing trials in critically ill patients: Can it identify weaning failure?**

Savino Spadaro, Francesca Dalla Corte, Gaetano Scaramuzzo, Elisabetta Marangoni, Carlo Alberto Volta, Speaker to be confirmed

**Effect of non-patient-level factors on mortality in intensive care units**

YoungRak Choi, Jin Young An, Sang-Yong Eom, Gyu Rak Chon, Jae Young Moon, Sun-Jung Kwon, Speaker to be confirmed

**Is airway driving pressure a good predictor of lung stress during mechanical ventilation for ARDS?**

Davide Chiumello, Matteo Brioni, Eleonora Carlesso, Andrea Colombo, Francesco Crimella, Massimo Cressoni, Speaker to be confirmed

**Acute respiratory failure in progressive neurological diseases: What is important for intensive care unit and long-term survival?**

Ülgen Yalaz Tekan, Emine Aksoy, Feyza Kargin, Rabia Sari, Cüneyt Saltürk, Fulya Çiyiltepe, Dilek Yavuz, Gökyay Güngör, Nalan Adigüzel, Zuhale Karakurt, Speaker to be confirmed

**Speckle tracking echography allows sonographic assessment of diaphragmatic loading**

Eline Oppersma, Nima Hatam, Jonne Doorduyn, Johannes van der Hoeven, Gernot Marx, Andreas Goetzenich, Leo Heunks, Christian Bruells, Speaker to be confirmed



**Noninvasive detection of positive end-expiratory pressure in COPD patients recovering from acute respiratory failure**

Lara Pisani, Emanuele Bernardi, Luca Fasano, Marco Ferrari, Nadia Corcione, Francesco Tosello, Elisa Pizzolato, Bruno Tartaglino, Stefano Nava, Speaker to be confirmed

**High-frequency chest wall oscillation assessment by electrical impedance tomography in intubated patients**

Federico Longhini, Marco Ambrogio Cattaneo, Jean Marie Marion, Ramona Lungu, Erica Dellara, Gianluca Gugliotta, Andrea Gusmano, Chiara Ronco, Paolo Navalesi, Speaker to be confirmed

**Usefulness of electrical activity of diaphragm and ability to wean from ventilator**

Napat Amornputtisathaporn, Jaipak Kaemapairoj, Prapaporn Pornsuriyasak, Theerasuk Kawamatawong, Viboon Boonsarnsuk, Speaker to be confirmed

**Central venous oxygen saturation as predictor of a successful spontaneous breathing trial outcome in mechanically ventilated patients**

Ioannis Georgakas, Afroditi Boutou, Georgia Pitsiou, Ioannis Kioumis, Milly Bitzani, Apostolos Sgouradis, Paraskevi Argyropoulou, Ioannis Stanopoulos, Speaker to be confirmed

**Disseminated intravascular coagulation profiles in patients with septic shock on ECMO**

Sunghoon Park, Dong-Gyu Kim, Dae-Young Cheon, Hyoung Soo Kim, Sun Hee Lee, Speaker to be confirmed

**The negative effect of initial high-dose methylprednisolone and tapering regimen for acute respiratory distress syndrome: A retrospective propensity matched cohort study**

Makoto Takaki, Kazuya Ichikado, Kodai Kawamura, Speaker to be confirmed

**Introducing the Homburg lung: Efficacy and safety of a minimal-invasive system for extracorporeal CO<sub>2</sub> removal**

Frederik Seiler, Franziska Trudzinski, Annegret Kamp, Konstantinos Tsitouras, Oliver Linn, Carlos Metz, Philip Böhm, Ralf Kaiser, Sebastian Fährndrich, Heinrike Wilkens, Hendrik Haake, Robert Bals, Philipp Lepper, Speaker to be confirmed

**Electric impedance tomography to predict weaning and extubation failure**

Federico Longhini, Cristina Andreoni, Jessica Maugeri, Marco Ambrogio Cattaneo, Jean Marie Marion, Chiara Ronco, Camilla Cavicchi, Sergio Pintaudi, Paolo Navalesi, Speaker to be confirmed

**Noninvasive positive pressure ventilation for the treatment of acute hypoxic respiratory failure with altered consciousness level**

Mariko Kogo, Kazuma Nagata, Jiro Ito, Yuki Sato, Shunsuke Teraoka, Ryoji Kato, Ryoko Shimizu, Daichi Fujimoto, Atsushi Nakagawa, Kojiro Otsuka, Keisuke Tomii, Speaker to be confirmed

**Acquired coagulation disorders during extracorporeal carbon dioxide removal**

Franziska Trudzinski, Frederik Seiler, Sebastian Fährndrich, Franziska Kaestner, Monika Flaig, Tom Wolf, Ralf M. Muellenbach, Robert Bals, Christian Lensch, Philipp M. Lepper, Speaker to be confirmed

**Non-invasive ventilation in the emergency department from 2004-2015**

Marion Christine Carteciano, Irwani Ibrahim, Y.H. Chan, Malcolm Mahadevan, Tow Keang Lim, Speaker to be confirmed

**Aggressive treatment of simple pleural effusion in ventilated patients: Pigtail catheters versus thoracostomy**

Alexander Samokhvalov, Edward Altman, Amos Szabo, Tatiana Haj, Olga Rutsky, Nicola Makhoul, Speaker to be confirmed

**Physiological value of expiratory pause in one-lung high frequency jet ventilation**

Igor Medvinskiy, Sergey Skorniyakov, Dmitriy Eremeev, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Pulmonary hypertension and chronic thromboembolic pulmonary hypertension**

Chairs :

**Antecubital venous access for balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension**

Nikolai Danilov, Matchin Yuriy, Yarovoy Sergey, Martynyuk Tamila, Chazova Irina, Speaker to be confirmed

**Early outcomes of patients with systemic lupus erythematosus and antiphospholipid syndrome after pulmonary endarterectomy**

Serdar Evman, Sehnaz Olgun Yildizeli, Nevsun Inanc, Bulent Mutlu, Serpil Tas, Mehmed Yanartas, Bedrettin Yildizeli, Speaker to be confirmed

**Riociguat in chronic thromboembolic pulmonary hypertension (CTEPH): ERS/ESC risk assessment in CHEST**

Harrison Farber, Dennis Busse, Janethe de Oliveira Pena, Hossein-Ardeschir Ghofrani, Speaker to be confirmed

**Triaging acute pulmonary thrombo-embolic disease: Only a limited role for early warning scoring**

Harmesh Moudgil, Tieng Toh, Katie Hutchinson, Sam Craik, Nawaid Ahmad, Koottalai Srinivasan, Speaker to be confirmed

**Leucocytes platelets co-aggregates remain elevated in patients with perfusion defects after pulmonary embolism**

Anne Roche, Nicolas Gendron, Vanessa Grangier, Luc De Chaisemartin, Benjamin Planquette, Pascale Gaussem, David Smadja, Olivier Sanchez, Speaker to be confirmed

**Influence of discontinuation of medication after balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension**

Yaoita Nobuhiro, Sugimura Koichirou, Tatebe Shunsuke, Yamamoto Saori, Aoki Tatsuo, Miura Masanobu, Satoh Kimio, Shimokawa Hiroaki, Speaker to be confirmed

**Factors associated with exercise limitation after pulmonary endarterectomy**

Angelo Guido Corsico, Rita Di Domenica, Valentina Conio, Eti Maria Giulia Di Vincenzo, Maurizio Pin, Valentina Grazioli, Antonio Sciortino, Catherine Klersy, Andrea Maria D'Armini, Federica Meloni, Isa Cerveri, Speaker to be confirmed

**Occult cancer in patients with acute venous thromboembolism: Why, when and where to investigate**

Luis Jara-Palomares, Remedios Otero-Candelera, David Jimenez, Marc Carrier, Inna Tzoran, Benjamin Brenner, Manuel Monreal, Speaker to be confirmed

**Treatment of venous thromboembolism in cancer patients with tinzaparin beyond 6 months. TiCAT study**

Luis Jara-Palomares, Aurora Solier-Lopez, Teresa Elias-Hernandez, Lucia Marin-Barrera, Maribel Asensio-Cruz, Lionel Suarez-Valdivia, Isabel Blasco-Esquivias, Maria Rodriguez de la Borbolla, Remedios Otero-Candelera, Speaker to be confirmed

**Chronic thrombo-embolic pulmonary hypertension: Long-term outcomes in operated and non-operated patients**

Syed Quadery, Catherine Billings, Jim Wild, Andy Swift, Smitha Rajaram, Christine Davies, Catherine Hill, Steven Thomas, Peter Braidley, Steven Hunter, Iain Armstrong, Neil Hamilton, Allan Lawrie, Judith Hurdman, Athanasios Charalampopoulos, Ian Sabroe, Robin Condliffe, Charlie Elliot, David Kiely, Speaker to be confirmed

**Endothelial dysfunction in patients with chronic thromboembolic pulmonary hypertension (CTEPH)**

Olga Tura-Ceide, Núria Aventín, Lucilla Piccari, Constanza Morén, Mariona Guitart-Mampel, Glòria Garrabou, Jéssica Garcí a-Lucio, Núria Chamorro, Isabel Blanco, Victor Peinado, Manuel Castellà, Joan Albert Barberà, Speaker to be confirmed

**Incidence and outcomes of haemoptysis in patients with operable and non-operable chronic thromboembolic pulmonary hypertension (CTEPH) and pulmonary arterial hypertension (PAH)**

Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Rimarcs Gomes Ferreira, André Luis Alves de Melo, Carlos Gustavo Verrastro, José E.A. Barroso, Carolina M.S. Messina, Angelo X.C. Fonseca, Luiz Eduardo Nery, Jaqueline Sonoe Ota-Arakaki, Speaker to be confirmed

**Prognostic significance of right heart thrombi (RHT) in patients with acute symptomatic pulmonary embolism: Systematic review and meta-analysis**

Deisy Barrios Barreto, Vladimir Rosa-Salazar, Raquel Morillo Guerrero, David Jimenez Castro, Rosa NietoRoyo, Sara Fernández, José Luis Zamorano, Manuel Monreal, Adam Torbicki, Roger D. Yusen, Speaker to be confirmed

**Right ventricular function changes after therapy in chronic thromboembolic pulmonary hypertension**

Bouchra Lamia, Audrey Benguigui, Luis-Carlos Molano, Catherine Viacroze, Geraldine Menard, Jean Quieffin, Philippe Bonnet, Jean-Francois Muir, Antoine Cuvelier, Speaker to be confirmed

**Mosaic attenuation in CT for assessment of pulmonary perfusion in CTEPH patients**

Akane Matsumura, Hajime Kasai, Toshihiko Sugiura, Nobuhiro Tanabe, Takuma Matsumura, Ayako Shigeta, Naoko Kawata, Seiichiro Sakao, Koichiro Tatsumi, Speaker to be confirmed

**Peripheral blood leucocyte phenotype in IPAH and CTEPH**

Kasia Zalewska, Emily Groves, Helen Baxendale, Joanna Pepke-Zaba, Nicholas W. Morrell, Mark R. Toshner, Speaker to be confirmed

**Reoperative pulmonary endarterectomy**

Sehnaz Olgun, Derya Kocakaya, Serpil Tas, Mehmed Yanartas, Cihangir Kaymaz, Bülent Mutlu, Berrin Ceyhan, Bedrettin Yıldızeli, Speaker to be confirmed

**Right ventricular function and exercise capacity in response to successful pulmonary endarterectomy surgery**

Rocco Francesco Rinaldo, Luke Howard, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Immune response in the lung**

Chairs :

**Presence of commensal house dust mite allergen in human gastrointestinal tract: A potential contributor to intestinal barrier dysfunction**

Meri Tulic, Mylene Vivinus-Nebot, Akila Rekima, Samara Rabelo Medeiros, Chrystelle Bonnart, Haining Shi, Allan Walker, Raffaella Dainese, Julien Boyer, Nathalie Vergnolle, Thierry Piche, Verhasselt Valerie, Speaker to be confirmed

**Batf3-dependent dendritic cells control house dust mite-driven Th2 and Th17 response through IL-12 production**

Laura Conejero Hall, Sofía Chayeb Khouili, Sarai Martínez Cano, Helena Izquierdo Fernández, Paola Brandi, David Sancho Madrid, Speaker to be confirmed

**Targeting IL33-ST2 pathway in virus-induced exacerbation of experimental asthma**

Lara Ravanetti, Annemiek Dijkhuis, Yanaika S. Sabogal Pineros, René Lutter, Speaker to be confirmed

**Immunomodulatory role of IL-37 in asthma pathogenesis**

Alexandra Schröder, Lars Lunding, Sina Webering, Christina Vock, Heinz Fehrenbach, Michael Wegmann, Speaker to be confirmed

**Antinuclear antibodies and rheumatoid factor are associated with blood eosinophils in asthma and COPD**

Koji Tamai, Harukazu Yoshimatsu, Toshiharu Saito, Hirofumi Matsuoka, Yasuko Koma, Nobuhiko Okada, Akiko Otsuka, Sayaka Inoue, Sachie Kume, Nao Oda, Yujiro Suzuki, Speaker to be confirmed

**CD38 gene-modified dendritic cells inhibit murine asthma development through increasing IL-12 production and promoting Th1 cell differentiation**

Jiaoli Wang, Speaker to be confirmed

**Establishment of a murine asthma exacerbation model by combining OVA exposure with either RSV or influenza infection**

Cornelia Tilp, Hannes Bucher, Eva Wex, Klaus Erb, Speaker to be confirmed

**Cell type specific accessibility of C5aR2 on human blood cells of myeloid origin**

Kistler Barbara, Schlegel Alexandra, Grauert Matthias, Arndt Kirsten, Williams Cara, Speaker to be confirmed

**Essential role of IRF-3 in COPD exacerbation mouse model**

Takashi Ishii, Keisuke Hosoki, Yuichi Nikura, Takahide Nagase, Naomi Yamashita, Speaker to be confirmed

**Early life antibiotic exposure is associated with an increased risk of allergy**

Fariba Ahmadizar, Susanne J. H. Vijverberg, Hubertus G.M. Arets, Anthonius de Boer, Jason E. Lang, Johan Garssen, Aletta Kraneveld, Anke H. Maitland-van der Zee, Speaker to be confirmed

**Dysregulation of type 2 innate lymphoid cells and Th2 cells impairs pollutant-induced allergic airway responses**

Katrien De Grove, Sharen Provoost, Rudi Hendriks, Leen Seys, Smitha Kumar, Tania Maes, Guy Brusselle, Guy Joos, Speaker to be confirmed

**Use of fluoroenzyme immunoassay in the diagnosis of bird fancier's hypersensitivity pneumonitis**

Sujoy Khan, Sushmita Roy Chowdhury, Parthasarathi Bhattacharya, Speaker to be confirmed

**Specific parental atopy, sex of child and timing of introduction of 'allergenic' foods**

Malcolm Sears, Maxwell Tran, Diana Lefebvre, David Dai, Meghan Azad, Padmaja Subbarao, Wendy Lou, Allan Becker, Piushkumar Mandhane, Stuart Turvey, The CHILD Study Investigators, Speaker to be confirmed

**Allergens induced release of alarmins from airway epithelial cells**

Sangeetha Ramu, Mandy Menzel, Hamid Akbarshahi, Lena Uller, Speaker to be confirmed

**Influenza induced exacerbation is associated with steroid insensitive AHR and pulmonary inflammation in HDM-sensitised mice**

Ian Knowles, Kamal Laggi, Mehrnaz Elmi, Olivia Robb, Neeta Patel, Speaker to be confirmed

**Pulmonary involvement in children with selective IGG<sub>3</sub> deficiency**

Athina Papadopoulou, Despina-Zoe Mermiri, Fani Giannoula, Evagelia Tavoulari, Stavroula Kostaridou, Speaker to be confirmed

**Responses to rhinovirus infection in human lung slices are reduced by rupintrivir**

Helena Obernolte, Peter Braubach, Danny Jonigk, Olaf Pfennig, Hans-Gerd Fieguth, Armin Braun, Sabine Wronski, Katherina Sewald, Speaker to be confirmed

**Asthma-COPD overlap syndrome (ACOS): The compatibility between doctor-diagnosis and document-guided diagnosis**

Michiko Hibi, Joe Shindo, Akira Shiraki, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Man versus machine: waves, frequency and more in lung function****Chairs :****Comparing 3 forced oscillation devices in different subject groups**

Wim Put, Judith Baars, Chris P.M. van der Grinten, Speaker to be confirmed

**Reference values for IOS derived R5-R20 and AX assessed from healthy polish children**

Waldemar Tomalak, Jakub Radlinski, Speaker to be confirmed

**Small airways indices derived from impulse oscillometry vs plethysmography and spirometry**

Jakub Radlinski, Waldemar Tomalak, Speaker to be confirmed

**The influence of different mouthpieces on the impulse oscillometry results**

Ada Gastaldi, Gustavo Dionísio, Daniele Santos, Letícia Souza, Bruna Silva, Larissa Nascimento, Mayara Paula, José Baddini-Martinez, Hugo Souza, Speaker to be confirmed

**Quality of spirometry in silica, wood and foundry workers in GB**

Jade Sumner, Ruth Wiggans, Leon Lewis, Alison Codling, Lisa Bradshaw, Edward Robinson, David Fishwick, Christopher Barber, Speaker to be confirmed

**Has the determination of the rate of decline of FEV1 added value in addition to the determination of FEV1/FVC and FEV1**

Marcel Geerts, Irene Steenbruggen, Speaker to be confirmed

**A pilot study of hot-wire, ultrasonic and wedge-bellows spirometer inter- and intra-variability**

Marit Aardal, Lene L. Svendsen, Sverre Lehmann, Tomas M. Eagan, Ingvild Haaland, Speaker to be confirmed

**Is it feasible for respiratory physiologists to carry out inhaler device technique checks during routine pulmonary function tests?**

Rachel Anglin, Paul Byrne, Geraldine Nolan, Suzanne Morrin, Geraldine Moore, Emma Flood, Orla Farrelly, Majella Gilmartin, Speaker to be confirmed

**Spirometry in primary care; results after education of operators using quality indicators in a real-life study**

Mats Arne, Kersti Theander, Speaker to be confirmed

**Quality and learning aspects of the first 9000 spirometries in the LifeGene study**

Mikaela Qvarfordt, Martin Anderson, Magnus Svartengren, Speaker to be confirmed

**Retrospective study of arterial blood gas in CPET: Are these always mandatory?**

Anne Janssen, Speaker to be confirmed

**Preflight hypoxia test with portable oxygen concentrators: when new technologies require more technology**

Vincent Bunel, Amr Shoukri, Frederic Choin, Serge Roblin, Cindy Smith, Thomas Similowski, Capucine Morélot-Panzini, Jésus Gonzalez, Speaker to be confirmed

**"Notch-shoulder" pattern on flow volume loop: Is it a clinically useful pattern or just a 'normal' variant?**

Anna Werpachowska, Shweta Appiah, Johnathan Lex, Maya Patel, Michael Howard, Aled Phillips, Speaker to be confirmed

**Scoring respiratory sleep studies for obstructive sleep apnoea (OSA). A comparison study between automated software and clinical physiologists**

Jennifer Furlong, Justine Hadcroft, Dorothy Price, Matthew Shaw, Neil McLaughlin, Speaker to be confirmed

**Comparison of auto-titrating CPAP derived apnoea-hypopnoea index (AHI) with pulse oximeter oxygen desaturation index (ODI) in patients with obstructive sleep apnoea (OSA)**

Claire O'Sullivan, Adrian Kendrick, Speaker to be confirmed

**Validation of automated versus manual scoring of cardio-respiratory sleep studies: A clinical audit**

Heather Engleman, Ann Cooper, Matthew Thomas, Sarah Martin, Neena Derashri, Jonathan Leahy, Anwen Evans, Speaker to be confirmed

**An audit comparing automated scoring to physiologist scoring of semi polysomnography sleep studies**

Diane Clarke, Michelle Goodlad, Trishandee Matharu, Iuri Mata, Joanna Shakespeare, Speaker to be confirmed

**Polysomnography screening for obstructive sleep apnoea in patients on a Barrett's esophagus registry from a specialist center**

Peter Coss, D. O Toole, N. Ravi, M. O'Brien, N. Clarke, P. Lawlor, J. O Sullivan, P. Goodman, J. Reynolds, A.M. McLaughlin, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: From microimaging to functional evaluation of the lung**

Chairs :

**10:45 Longitudinal assessment of lung fibrosis by micro CT correlates with histological evaluation in bleomycin-induced mice**  
Gino Villetti, Yanto Ridwan, Sasha Belenkov, Jeroen Essers, Francesca Ruscitti, Francesca Ravenetti, Paula Van Heiningen, Wim Wos, Cedric Van Holsbeke, Maurizio Civelli, Fabio Stellari, Speaker to be confirmed

**11:00 A functional imaging study to investigate the relationship between pulmonary inflammation and systemic inflammation in COPD patients**  
Marie Fisk, Divya Mohan, Christopher Coello, Fred Wilson, Philip Murphy, Carmel M. McEniery, John Cockcroft, Jonathan Fuld, Ruth Tal-Singer, Michael I. Polkey, Ian B. Wilkinson, Joseph Cheriyan, Speaker to be confirmed

**11:15 Mediators of bronchial wall remodeling and emphysema assessed using imaging methods in patients with chronic obstructive pulmonary disease**  
Karolina Górska, Jerzy Soja, Bogdan Jakiela, Hanna Plutecka, Iwona Gross-Sondej, Adam Cmiel, Slawomir Mikrut, Piotr Loboda, Anna Andrychiewicz, Krzysztof Sladek, Speaker to be confirmed

**11:30 Comparison of EBUS and HRCT in assessment of airway wall in asthma and COPD**  
Katarzyna Górska, Piotr Korczynski, Michal Mierzejewski, Justyna Kosciuch, Malgorzata Zukowska, Marta Maskey-Warzechowska, Rafal Krenke, Speaker to be confirmed

**11:45 Bronchoarterial ratio in never smokers: Implications for bronchial dilation definition**  
Alejandro A. Diaz, Thomas P. Young, George R. Washko, San Jose Estepar Raul, Speaker to be confirmed

**12:00 Influence of bronchodilator usage for the cross-sectional area of small pulmonary vessels in COPD patients**  
Masao Takemura, Hiroki Nishine, Shin Matsuoka, Takeo Inoue, Masamithi Mineshita, Teruomi Miyazawa, Speaker to be confirmed

**12:15 Change in right atrial minimal volume is a prognostic marker in pulmonary arterial hypertension (PAH)**  
Euan Tubman, Tom Sproson, Dave Capener, Robin Condliffe, Charlie Elliot, Athanasios Charalampopolous, David Kiely, Jim Wild, Andy Swift, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: How to choose the best strategy with noninvasive ventilation?**

Chairs :

**10:45 The unmet needs of home mechanical ventilator users in Europe: The patients' perspective**  
Sarah Masefield, Michele Vitacca, Nico Ambrosino, Speaker to be confirmed

**11:00 Non-invasive ventilation in acute respiratory failure: Effects of modes, obesity and body position**  
Murat Türker, Güllü Gürsel, Müge Aydogdu, Speaker to be confirmed

**11:15 Surface respiratory EMG during different settings of non-invasive ventilation in stable COPD**  
Marieke L. Duiverman, Anouk S. Huberts, Gerrie Bladder, Peter J. Wijkstra, Speaker to be confirmed

- 11:30** **Fiberoptic bronchoscopy (FBO) as rescue-strategy for non-invasive ventilation (NIV) failure in acute respiratory failure (ARF) in a respiratory intensive care unit (RICU)**  
Raffaele Scala, Uberto Maccari, Giuseppina Ciarleglio, Valentina Granese, Francesco Costa, Claudia Maggiorelli, Chiara Madioni, Speaker to be confirmed
- 11:45** **Home non-invasive ventilation (NIV): Identification of patients at risk of non-adherence at setup**  
Maxime Patout, Gill Arbane, Jennifer Owusu-Afryie, Laura Castaldi, Joerg Steier, Philip Marino, Nicholas Hart, Patrick Murphy, Speaker to be confirmed
- 12:00** **Non-invasive ventilation: Effect of a vented and a non-vented CO2 exhalation system on O2- and CO2 concentrations**  
Karl-Josef Franke, Ulrike Domanski, Maik Schroeder, Barbara Stoehr, Georg Nilius, Speaker to be confirmed
- 12:15** **Impact of high-intensity non-invasive ventilation on cardiac function in stable hypercapnic COPD: A randomised cross-over trial**  
Marieke L. Duiverman, Petra Maagh, Friederike Magnet, Schmoor Claudia, Maria P. Arellano-Maric, Jan H. Storre, Peter J Wijkstra, Wolfram Windisch, Jens Callegari, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Non inflammatory COPD monitoring**

Chairs :

- 10:45** **Airway wall response to deep inspiration in COPD**  
Alvenia Cairncross, Robyn Jones, Alan James, John Elliot, Howard Mitchell, Peter Mcfawn, Peter Noble, Speaker to be confirmed
- 11:00** **Applying telemonitoring (TMon) post-admission for COPD, at scale: Preliminary findings from a large European trial**  
Keir E. Lewis, Frode Gallefos, Hugh Brown, Panos Stafylas, Kristian Kidholm, Susana Nocello, Leo Lewis, Speaker to be confirmed
- 11:15** **In active and former smokers with CT detected emphysema but without airway obstruction, the presence of an abnormal DLco is associated with a worse clinical presentation**  
Jessica Gonzalez Gutierrez, Marta Marin Oto, Arantza Campo, Javier Zulueta, Ana Belen Alcaide, Juan Bertó, Juan Pablo De Torres, Speaker to be confirmed
- 11:30** **Effect of dual bronchodilation with indacaterol/glycopirronium on small airways resistance in patients with stable COPD**  
Francesca Simioli, Maria Martino, Giacomo Spurio Vennarucci, Lucia Morrone, Antonio Molino, Mauro Mormile, Anna Agnese Stanziola, Maria D' Amato, Speaker to be confirmed
- 11:45** **Characteristics and longitudinal progression of COPD GOLD B**  
Philip Lawrence, Umme Kolsum, Vandana Gupta, Gavin Donaldson, Richa Singh, Bethan Barker, Leena George, Adam Webb, Chris Brightling, Jadwiga Wedzicha, Dave Singh, Speaker to be confirmed
- 12:00** **Increased small intestinal permeability during severe acute exacerbations of COPD**  
Roy T.M. Sprooten, I. Grimbergen, D. Braeken, K. Lenaerts, E. Rutten, E.F.M. Wouters, G.G.U. Rohde, Speaker to be confirmed
- 12:15** **Assessment of quality of life (SGRQ) in patients with alpha-1-antitrypsin deficiency– Analysis from the German registry**  
Nikolas Bernhard, Sebastian Fä hndrich, Philipp M. Lepper, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: New approaches and finding in smoking cessation**

Chairs :

- 10:45** **Smoking cessation using the gamification of mHealth apps: A longitudinal qualitative study**  
Yusuf Sherwani, Mohammed Muntasir, Maroof Ahmed, Abdulrahman El-Hilly, Sheeraz Iqbal, Sarim Siddiqui, Zaid Al-Fagih, Andreas Eisingerich, Omar Usmani, Speaker to be confirmed
- 11:00** **Smoking prevention using experiential learning in children aged 5-9 yo**  
Dimitra Mpousiou, Theodora Katsaounou, Michalis Toumpis, Areti Karathanasi, Anna Karakatsani, Christina Gratziou, Spyridon Zakynthinos, Paraskevi Katsaounou, Speaker to be confirmed
- 11:15** **Acute effect of smoking and its abstinence on dietary intake and appetite**  
Konstantina Zachari, Costas A. Anastasiou, Maria Sidiropoulou, Paraskevi Katsaounou, Roxani Tenta, Mary Yannakoulia, Speaker to be confirmed

- 11:30**      **Weighted smoking score: Measuring the benefits of quitting smoking in COPD**  
Lucretia Udrescu, Mihai Udrescu, Stefan Mihaicuta, Speaker to be confirmed
- 11:45**      **A follow-up study (MARKO) supports the need to change the diagnostic criteria for COPD**  
Marina Labor, Zarko Vrbica, Ivan Gudelj, Slavica Labor, Iva Juric, Davor Plavec, Speaker to be confirmed
- 12:00**      **Dynamics of exhaled breath temperature (EBT) after a smoked cigarette**  
Iva Juric, Marina Labor, Slavica Labor, Davor Plavec, Speaker to be confirmed
- 12:15**      **Effects of sodium hypochlorite and cigarette smoke on lung function and behavior of Wistar rats**  
Soraia Nogueira Felix, Renata Pandolpho, Andrezza Luiza Moreira, Isabela Campaner Macenco, Larissa Baptista Benittes, Francine Maria de Almeida, Isabella Santos de Genaro, Fernanda Arantes, Milton de Arruda Martins, Gilberto Fernando Xavier, Iolanda de Fátima Lopes Calvo Tibério, Beatriz Manguera Saraiva Romanholo, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Drug-resistant tuberculosis and experience of delamanid and bedaquiline**

Chairs :

- 10:45**      **Preventing MDRTB in Europe: Drug sensitivities received after the initial phase of treatment**  
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed
- 11:00**      **Treatment interruptions in patients with MDR/XDR-TB: risk factors and impact on treatment outcomes**  
Yana Batyrshina, Speaker to be confirmed
- 11:15**      **Efficacy and safety of modified anti-tubercular treatment(ATT) regimens in treatment of tuberculosis(TB) in patients with underlying chronic liver disease(CLD)**  
Sachin Kumar, Naveen Kumar, Shiv Sarin, Speaker to be confirmed
- 11:30**      **Use of delamanid for M/XDR-TB treatment under programmatic conditions in Latvia**  
Linda Barkane, Liga Kuksa, Gunta Kirvelaite, Zita Lauska, Vaira Leimane, Speaker to be confirmed
- 11:45**      **Steps of bedaquiline implementation in Georgia**  
Nana Kiria, Zaza Avaliani, Lali Mikiashvili, Speaker to be confirmed
- 12:00**      **Compassionate use of bedaquiline in a cohort of Indian drug resistant tuberculosis(DR-TB) patients**  
Zarir Udwadia, Jai Mullerpattan, Shashank Ganatra, Rohit Amale, Speaker to be confirmed
- 12:15**      **Bedaquiline-containing regimens for MDR TB treatment – Focus on the safety**  
Sergey Borisov, Alexsey Filippov, Taisiya Ivanushkina, Diana Ivanova, Nataliya Litvinova, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Biomarkers and phenotypes of COPD**

Chairs :

**Comparison of blood eosinophils and plasma periostin in stable and non-stable chronic obstructive pulmonary disease: How we can improve the management of our patients**

Alizamin Sadigov, Konul Abasaliyeva, Sakhvatdin Akhundov, Gunel Sadigova, Speaker to be confirmed

**Alpha<sub>1</sub>-antitrypsin deficiency in portuguese COPD patients**

Ana Filipa Cruz e Costa, Cidália Rodrigues, Pedro Ulisses Brito, Speaker to be confirmed

**Heterogeneity inside group D COPD patients: About 827 cases**

Ahmed Ben Saad, Saoussen Cheikh Mhammed, Hadhami Mribah, Nesrine Fahem, Samah Joobeur, Naceur Rouatbi, Ali El Kamel, Speaker to be confirmed

**CAT predicts mortality in COPD patients who require LTOT**

Nikolay Kyuchukov, Nikolay Yanev, Iliya Krachunov, Zlatina Ivanova, Preslava Kyuchukova, Petkana Hristova, Plamen Pavlov, Pavlina Glogovska, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

**Plasma surfactant protein-D (SPD) concentration and severity of airflow limitation in COPD patients (pts)**

Kateryna Gashynova, Tetyana Pertseva, Speaker to be confirmed

**Endothelial dysfunction and systemic inflammation during acute exacerbations of COPD**

Andrea Vukic Dugac, Alen Ruzic, Ana Hecimovic, Mateja Jankovic-Makek, Gordana Pavlisa, Hrvoje Puretic, Gzim Redjepi, Sanja Popovic-Grle, Miroslav Samarzija, Marko Jakopovic, Speaker to be confirmed

**Blood pressure variability during the 6-minute walk test in patients with chronic obstructive pulmonary disease**

Arnoldus van Gestel, Andrja Gajic, Florent Baty, Martin Brutsche, Speaker to be confirmed

**The trend of pulmonary function tests over time in COPD patients with different levels of blood eosinophils**

Paola Rogliani, Ermanno Puxeddu, Chiara Ciaprini, Gabriella Pezzuto, Luigino Calzetta, Mario Cazzola, Speaker to be confirmed

**Do inhaled corticosteroids reduce the frequent exacerbator phenotype in COPD - A little help by a multicenter survey**

Dieter Klopf, Johannes Rumpf, Peter Maier-Stockner, Kai Thomas, Christoph Koehl, Claudia Sommer, Peter Berg, Speaker to be confirmed

**GOLD staging and grading for predicting one-year mortality in COPD patients with severe exacerbation**

Evgeni Mekov, Yanina Slavova, Adelina Tsakova, Marianka Genova, Dimitar Kostadinov, Delcho Minchev, Dora Marinova, Mihail Boyanov, Speaker to be confirmed

**Resting heart rate and exacerbations in COPD patients**

Ahmad Izuannuddin Ismail, Aisya Natasya Musa, Mohd Arif Mohd Zim, Mohd Ariff Fadzil, Norhaya Mohd Razali, Razul Md Nazri Md Kassim, Tengku Saifudin Tengku Ismail, Speaker to be confirmed

**Quality of life at discharge from hospital following acute exacerbation of COPD is much worse even if length of stay is short**

Lalita Fernandes, Rohit Vadala, Nandani Gulati, Anika Parrikar, Anthony Mesquita, Speaker to be confirmed

**Airway resistance correlates with the frequency of exacerbation in patient with COPD**

Hitomi Furukawa, Yasunari Kishino, Yasunori Murata, Shin Ohta, Tetsuya Honma, Sojiro Kusumoto, Mayumi Yamamoto, Shintaro Suzuki, Akihiko Tanaka, Takuya Yokoe, Tsukasa Ohnishi, Hironori Sagara, Speaker to be confirmed

**Alpha-1-antitrypsin deficiency in Kazakh subjects with COPD**

Ardak Zhumagaliev, Marina Gorrini, Claus Vogelmeier, Angelo Corsico, Ludmila Karazhanova, Timm Greulich, Annalisa DeSilvestri, Victor Kotke, Valentina Barzon, Michele Zorzetto, Ilaria Ferrarotti, Speaker to be confirmed

**Inflammatory markers (IL-6, suPAR) and arterial stiffness parameters in COPD patients**

Rená ta Marietta Bö cskei, Lilla Tamá si, Bé la Benczú r, André s Bikov, Gyö rgy Losonczy, Anikó Bohá cs, Speaker to be confirmed

**The prognostic value of cardiac and inflammatory biomarkers in acute exacerbations of COPD**

Louise Goodall, Belinda Cochrane, Soo Wei Foo, Phong Nguyen, Speaker to be confirmed

**Serum uric acid levels and uric acid/creatinine ratio in stable COPD patients: Are these parameters efficiently predict risky patients for exacerbation and/or severity of the disease?**

Nagihan Durmus Kocak, Gulsah Sasak, Ulku Aka Akturk, Metin Akgun, Sibel Boga, Aysun Sengul, Sinem Gungor, Sibel Arinc, Speaker to be confirmed

**Relation of high resolution computed tomography findings with functional parameters in COPD**

Gü lden Bilgin, Pinar Nercis Kosar, Enver Necip Kö seoglu, Speaker to be confirmed

**The association between morning symptoms and physical activity in chronic obstructive pulmonary disease: A systematic review**

Amanda van Buul, Marise Kasteleyn, Niels Chavannes, Christian Taube, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: COPD diagnosis and management**

Chairs :

**Time of presentation to accident and emergency (A&E) of community respiratory patients at Royal London Hospital**

Martin Sterry, Jane Simpson, Speaker to be confirmed

**Fatigue is useful in characterising chronic obstructive pulmonary disease(COPD) frequent hospitalisations sub-phenotype**

Sabina Antoniu, George Leahu, Alexndra Hordila, Alexandru Moraru, Ioana Cretu, Lucian Boiculese, Speaker to be confirmed



**A pilot study to assess the efficacy of breathlessness plans for patients with chronic obstructive pulmonary disease (COPD)**

Mary Qian, Michelle Thompson, Brian Le, Louis Irving, Natasha Smallwood, Speaker to be confirmed

**Problems hypodiagnostics of chronic obstructive pulmonary disease. Using the original questionnaire for early diagnostics of COPD**

Nataliya Cherepii, Speaker to be confirmed

**A non-interventional observational trial to study the COPD treatment choices in routine clinical practice in Bulgaria**

Pavlina Nikolova Glogovska, Yavor Ivanov, Ivan Nikolaev, Speaker to be confirmed

**Intranasal budesonide improves quality of life in patient with COPD and chronic nasal symptoms**

Cecilia Calabrese, Adriano Costigliola, Giovanni Cioffi, Eugenio Tremante, Marianna Maffei, Damiano Capaccio, Elena Merola, Gennaro Mazzarella, Alessandro Vatrella, Speaker to be confirmed

**COPD: Influence of patients' nutritive status on the exacerbations rate**

Kateryna Gashynova, Kateryna Bogatska, Speaker to be confirmed

**Socioeconomic status shaping GOLD A-D classification in patients with chronic obstructive pulmonary disease**

Sibel Atis Nayci, Eylem Ozgur, Cengiz Ozge, Speaker to be confirmed

**Adherence to inhaled therapy and its impact on chronic obstructive pulmonary disease (COPD)**

Magdalena Humenberger, Bernhard Kaiser, Anna Labek, Rupert Frechinger, Bernd Lamprecht, Speaker to be confirmed

**Rosuvastatin effects on systemic inflammation, oxidative stress and antioxidants in patients with chronic obstructive pulmonary disease**

Elena Samorukova, Tatiana Adasheva, Vladimir Zadionchenko, Andrew Malyavin, Speaker to be confirmed

**Management of virtual COPD cases by pulmonary physicians**

Esra Uzaslan, Oguz Kilinc, Aylin Konya, Metin Akgun, Abdullah Sayiner, Speaker to be confirmed

**An integrated disease management (IDM) programme of 12 months duration was effective for patients with COPD**

Anna Porcu, Barbara Conti, Luigi Vignale, Alberto Rocchi, Mariella Polselli, Biagio Marsiglia, Aldo Casani, Maurizio Moretti, Speaker to be confirmed

**Attitudes, beliefs and organizational barriers regarding safe emergency oxygen therapy for patients with COPD: A mixed methods study**

Ronan O' Driscoll, Nawar Bakerly, Ann Caress, June Roberts, Miriam Gaston, Mark Newton, Janelle Yorke, Speaker to be confirmed

**Factors influencing on influenza vaccination among chronic obstructive pulmonary disease: The Korea national health and nutrition examination survey**

Jae Ho Chung, Hee-Jin Hwang, Speaker to be confirmed

**Bronchodilators delivered by nebuliser versus pMDI for exacerbations of COPD - A Cochrane review**

Wouter H. van Geffen, Rob Douma, Dirk-Jan Slebos, Huib Kerstjens, Speaker to be confirmed

**Assessing knowledge, adherence and barriers to implement COPD guidelines in COPD care in Saudi Arabia**

Mohammed ALsubaiei, Peter A. Frith, Paul A. Cafarella, Stephen Quinn, Mohamed S. Al Moamary, R. Doug McEvoy, Tanja W. Effing, Speaker to be confirmed

**Prevalence and risk factors for postoperative pulmonary complications after lung cancer surgery in patients with early stage of COPD**

Eun Sun Kim, Young Tae Kim, Chang Hyun Kang, In Kyu Park, Won Bae, Sun Mi Choi, Young Sik Park, Chang-Hoon Lee, Jae-Joon Yim, Young Whan Kim, Sung Koo Han, Chul-Gyu Yoo, Speaker to be confirmed

**Pulmonary ventilatory parameters changes after pharmacologic lung volume reduction in hyperinflated stable COPD**

Wafaa Gadallah, Atef Alkarn, Abd Elazeem Abo Elfadl, Manal El Khawaga, Speaker to be confirmed

**Can roflumilast improve clinical outcomes in moderate-to-severe chronic obstructive pulmonary disease? A meta-analysis**

Jian Luo, Ke Wang, Dan Liu, Bin-Miao Liang, Chun-Tao Liu, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: LTOT, NIV and other clinical parameters in chronic lung diseases.

## Chairs :

**Ward-based oxygen therapy audit: Prescribe, target, deliver**

Katie Hutchinson, Nawaid Ahmad, Sam Craik, Speaker to be confirmed

**Evaluation of discharge documentation for patients newly prescribed home oxygen therapy on discharge**

Claire Davey, Bijal Gandhi, Shaili Patel, Speaker to be confirmed

**Irish guidelines on long term oxygen therapy**

Ann Marian Cronin, Patricia Davis, Adrian O' Brien, Noreen Donoghue, Donna Langan, Tara Hannon, Olivia Lee, Dolores Fox, Ann Tooher, Bernadette Bowen, Speaker to be confirmed

**An audit on the effect of a hospital oxygen therapy guideline on oxygen prescription**

Rachelle Ascjak, Caroline Gouder, Maria Ciantar, Julia Tua, Valerie Fenech, Stephen Montefort, Speaker to be confirmed

**The impact of initiating a home oxygen service for adults in Tower Hamlets**

Claire Davey, Jane Simpson, Speaker to be confirmed

**Do patients with moderate hypoxemia require LTOT?**

Nikolay Kyuchukov, Nikolay Yanev, Iliya Krachunov, Zlatina Ivanova, Preslava Kyuchukova, Petkana Hristova, Plamen Pavlov, Pavlina Glogovska, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

**Comparison of fingertip and earlobe pulse oximetry with arterial blood gas results**

Sandra Olive, Orion Twentyman, Crichton Ramsay, Speaker to be confirmed

**Assessment of nutritional status in patients with idiopathic pulmonary fibrosis**

Ayadi Nouha, Feki Walid, Marrakchi Rim, Mkaouar Najla, Ketata Wajdi, Bahloul Najla, Ayadi Hajer, Msaad Sameh, Yangui Ilhem, W.K. Rekik, Jamoussi Kamel, Kammoun Samy, Speaker to be confirmed

**Nutritional status in respiratory inpatients patients**

Julia Tarrega Camarasa, Maria Sagales, Alex Lopez, Oriol Rovira, Enric Barbeta Sanchez, Speaker to be confirmed

**Effects of comorbidities on the CAT score: A population-based study**

Manuela Karloh, Marcia Pizzichinni, Emilio Pizzichini, Speaker to be confirmed

**Markers of treatment outcome in hypersensitivity pneumonitis patients**

Martina Sterclova, Martina Kolbekova, Magdalena Smetakova, Martina Vasakova, Speaker to be confirmed

**Clinical approach to pulmonary sarcoidosis**

Ginevra Del Giudice, Assunta Micco, Diana Radicella, Andrea Diglio, Gaetano Beatrice, Giuseppe Gaudenzi, Angelo Romano, Mariano Mazza, Mario Del Donno, Speaker to be confirmed

**Predictors of quality of life in sarcoidosis patients**

Branislav Gvozdencovic, Violeta Vucinic, Mihailo Stjepanovic, Mira Vukovic, Surinder Birring, Speaker to be confirmed

**Psychological features in smokers: A cross-sectional study using symptom checklist-90-revised**

Askin Gülsen, Bulent Uygur, Sami Deniz, Julide Emre Celdir, Speaker to be confirmed

**The role of smoking on early postoperative pulmonary complications in renal transplantation patients**

Gaye Ulubay, Balam Er Dedekarginoglu, Ozlem Salman Sever, Elif Kupeli, Mehmet Haberal, Speaker to be confirmed

**Non-invasive ventilation (NIV) - Our experience of telemonitoring in a remote and rural service**

Phyllis Murphie, Robin Paton, Stuart Little, Speaker to be confirmed

**A retrospective comparison of oxygen prescription errors during social and unsocial hours**

Rachelle Ascjak, Caroline Gouder, Julia Tua, Maria Ciantar, Valerie Fenech, Stephen Montefort, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: The best clinical approach in lung diseases.**

## Chairs :

**Endobronchial aspergilloma: A case report and literature review**

Bing Li, Dongdong Huang, Haiqing Chu, Zhemin Zhang, Jun Zhang, Speaker to be confirmed

**Pulmonary hemorrhage syndrome associated with dengue hemorrhagic fever-A rare case report from western India**

R.K. Chopra, Nidhi Dixit, Aditi Takale, Sourabh Jain, Vaibhav Pandharkar, Speaker to be confirmed

**Evaluation of incidental lung cancer in hospitalized patients with non-respiratory disease**

Naoya Miyashita, Yu Mikami, Hidenori Kage, Kosuke Makita, Hideyuki Takeshima, Hirota Matsuzaki, Yasuhiro Yamauchi, Goh Tanaka, Daiya Takai, Yutaka Yatomi, Takahide Nagase, Speaker to be confirmed

**An uncommon case of recumbent dyspnea - Have a look to the diaphragm**

Francesca Cemmi, Thomas Galasso, Valentina Conio, Alessandro Cascina, Andrea Cortese, Federica Meloni, Isa Cerveri, Speaker to be confirmed

**A case of Non-Hodgkin lymphoma mimicking diffuse parenchymal lung disease**

Ismail Hanta, Efraim Güzel, Oya Baydar, Emine Kiliçbagır, Alper Avci, Speaker to be confirmed

**Idiopathic arteriovenous malformation (AVM) presenting in the 34<sup>th</sup> week of pregnancy**

Artemios Dimitriou, Charoula Chadjikosta, George Minas, Nikos Koronakis, Andreas Georgiou, Speaker to be confirmed

**Pulmonary tuberculosis and lung cancer: A complex interaction**

Insaf Mejri, Besma Ourari, Hela Cherif, Jihen B. Amar, Heifa Zaibi, Saloua Azzabi, Med Ali Baccar, Hichem Aouina, Speaker to be confirmed

**Serum alkaline phosphatase may play a role in the differential diagnosis of sarcoidosis and tuberculosis?**

Seda Tural Öner, Sinem Iliaz, Raim Iliaz, Sinem Sökücü, Cengiz Özdemir, Speaker to be confirmed

**Pseudo hyperinflation of lung in patients with achalasia**

Jelena Jankovic, Branislava Milenkovic, Vladimir Zugic, Natasa Djurdjevic, Javorka Mitic, Speaker to be confirmed

**Improving anticoagulation practice in respiratory patients with non-valvular atrial fibrillation**

Andrew Pugh, Charlotte Campbell, Speaker to be confirmed

**The diagnostic of the respiratory pathology in patients with rheumatoid arthritis (RA)**

Larisa Botvinikova, Speaker to be confirmed

**Applicability of TBNA to peripheral lung lesion when transbronchial biopsy fails**

HongLyeol Lee, Cheol Woo Kim, Speaker to be confirmed

**Clinically important drug interactions with anti-infective agents in critically ill patients with respiratory disorders**

Shadi Baniyadi, Maryam Alehashem, Amirali Mahboobipour, Behrooz Farzanegan, Speaker to be confirmed

**Postoperative pulmonary complications after surgical cytoreduction for gynecological malignancies: Review of 306 patients**

Özlem Salman Sever, Balam Er Dedekarginoglu, Elif Kupeli, Ali Ayhan, Gaye Ulubay, Speaker to be confirmed

**EUS-assisted lung disease evaluation – A Portuguese single centre 9-year experience**

Margarida Vargas-Castanho, Teresa Martín Rioja, Marta Patita, Pedro Pinto-Marques, Fernando Menezes, Helena Grumete, Jorge Soares, Jorge Roldão-Vieira, Speaker to be confirmed

**Prevalence of ocular sarcoidosis in patients with intra thoracic sarcoidosis**

Muhammad Hussain, Hazim Mahdi, Mohammed Hassan, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Latest insights in the management of chronic respiratory diseases****Chairs :****Assessing symptom burden in patients with advanced COPD – Is CAT enough?**

Rosie Meharry, David Anderson, Speaker to be confirmed

**Air travel in patients on long term oxygen therapy: Lying low or flying high?**

Christina Campbell, Matthew W Smyth, Lindsay Brown, Emer Kelly, Speaker to be confirmed

**Comparative analysis of bioimpedance methods for the nutritional assessment of respiratory patients**

Maria del Pilar Cejudo Ramos, Aixa Garcia, David Naranjo-Hernández, Laura Roa, Gerardo Barbarov-Rostán, Rosa Vazquez Sanchez, Eduardo Marquez-Martin, Luis Javier Reina-Tosina, Francisco Ortega Ruiz, Speaker to be confirmed

**Palliative care in advanced COPD: A community survey in Spain**

Sandra Pedrero Tejada, Patricia Sobradillo Ecenarro, Marta Inchausti Iguñiz, Nuria Marina Malanda, Maria Alfonso Imizcoz, Bernardino Alcazar Navarrete, Speaker to be confirmed

**Validation of the brief pain inventory in people with chronic obstructive pulmonary disease**

Wendy Darlene Reid, Yi-Wen Chen, Bahareh HajGhanbari, Harvey Coxson, Speaker to be confirmed

**Self-management education using interactive application software for tablet computer to improve health status in patients with COPD: A randomized controlled trial**

Emika Sano, Jun Ueki, Shinichi Sasaki, Sachiko Kuriyama, Keiko Muraki, Osamu Nagashima, Keiko Hino, Megumi Ikeda, Shigeru Tominaga, Speaker to be confirmed

**Integration of hospital and community COPD services including pulmonary rehabilitation can improve patient care and reduce hospital stays**

Michael Apps, Dipak Mukherjee, Syed Abbas, Jan Minter, James Whitfield, Speaker to be confirmed

**Sleep quality, fatigue and mental health status among mild to severe COPD patients**

Islam Mejri Ep Ajili, Zied Moatemri, Selsabil Daboussi, Samira Mhamdi, Chiraz Aichaouia, Rezaieg Cheikh, Speaker to be confirmed

**Fewer disease problems changes breathing pattern by breathing control exercises in COPD**

Christine Raheim Borge, Ulrich Mack, Martha Lein, Anne Marit Mengshoel, Ernst Omenaas, Torbjørn Moum, Astrid Wahl, Speaker to be confirmed

**"It lifts your spirits and you come away feeling lighter" - Patient experience of British Lung Foundation singing groups**

Heather McKee, Phoebe Cave, Mayana McDermott, Nick Hopkinson, Speaker to be confirmed

**Do not attempt resuscitation decisions (DNACPR): Do we fulfil the human rights act?**

Marianne Tinkler, Katherine Millington, Speaker to be confirmed

**Domain-specific cognitive impairment in patients with COPD and control subjects**

Fiona Cleutjens, Frits Franssen, Martijn Spruit, Lowie Vanfleteren, Candy Gijzen, Jeanette Dijkstra, Rudolf Ponds, Emiel Wouters, Daisy Janssen, Speaker to be confirmed

**Chronic obstructive pulmonary disease phenotypes, nutritional status and the risk of falls**

Emanuela Tudorache, Cristian Oancea, Alexandru Crisan, Camelia Pescaru, Ovidiu Fira-Mladinescu, Voicu Tudorache, Speaker to be confirmed

**Effect of nasal high flow heated oxygen in chronic airway disease on quality of life and hospital admissions**

Ilanit Meijntz-Valentijn, M.C. Gubbelmans, G.J. de Vries, Speaker to be confirmed

**Testing the validity of a self-administered questionnaire version of the transition dyspnea index in COPD patients**

Andreas von Leupoldt, Thomas Reijnders, Michael Schuler, Michael Wittmann, Danijel Jelusic, Sibylle Petersen, Konrad Schultz, Speaker to be confirmed

**Cognitive impairment and clinical characteristics in patients with COPD**

Fiona Cleutjens, Martijn Spruit, Rudolf Ponds, Lowie Vanfleteren, Frits Franssen, Candy Gijzen, Jeanette Dijkstra, Emiel Wouters, Daisy Janssen, Speaker to be confirmed

**Cross cultural adaptation of the exercise self-regulatory efficacy scale (Ex-SRES) in Chinese patients with chronic obstructive pulmonary disease**

Yu-Ju Chen, Amy H.J.T. Davis, Speaker to be confirmed

**Physicians' attitudes to dyspnoea management in advanced chronic obstructive pulmonary disease (COPD)**

Natasha Smallwood, David Currow, Sara Booth, Anna Spathis, Louis Irving, Jennifer Philip, Speaker to be confirmed

**Is COPD a risk factor for electrocardiographic abnormalities and cardiac arrhythmias?**

Laura Ciobanu, Vasile Maciuc, Doina Clementina Cojocaru, Speaker to be confirmed

**Effects of oscillatory positive expiratory pressure on mucus draining, rheological property and lung mechanics: Comparison of Acapella® versus Vibralung®**

Tetsuo Miyagawa, Tomomi Ichiba, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Latest insights in chronic care

Chairs :

**Heated air humidification vs. cold air nebulisation in tracheotomised patients increases cilia beat frequency in tracheal epithelium and reduces frequency of suctioning procedures**

Richard Birk, Alexander Händel, Boris A. Stuck, Karl Hörmann, J. Ulrich Sommer, Speaker to be confirmed

**Developing integrated symptom-based diagnostic pathways: how do adults with breathlessness currently present to secondary care?**

Irene Valero Sanchez, Richard J. Russell, Thomas Ward, Anoop Babu, Rachael Evans, Speaker to be confirmed

**Lifestyle intervention in a morbid obese population where bariatric surgery is not an option**

Finn Wammer, Andrea Haberberger, Bjørn Andreassen, Sveinung Vemøy, Anita Dyb Linge, Dag Arne Lihaug Hoff, Speaker to be confirmed

**A delphi process defining 'chronic breathlessness syndrome': A distinct clinical entity**

Miriam Johnson, Janelle Yorke, David Currow, Speaker to be confirmed

**The contributing factors to mean pulmonary artery pressure in idiopathic pulmonary fibrosis**

Shinichi Arizono, Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Tomoya Ogawa, Fumiko Watanabe, Kazuyuki Tabira, Ryo Kozu, Speaker to be confirmed

**Differences in patient characteristics and associations with comorbid load in Dutch and Australian COPD patients**

Anke Lenferink, Job van der Palen, Peter Frith, Paul van der Valk, Tanja Effing, Speaker to be confirmed

**Exploring the relationship between psychological dysfunction and perceived symptoms in the Wessex AsThma CoHort of difficult asthma (WATCH) study**

Ben Ainsworth, Ramesh Kurukulaaratchy, Esme Bain, Jonathan Griffiths, Mike Thomas, Speaker to be confirmed

**Preferences of patients with asthma and COPD for components of inpatient pneumological rehabilitation: A discrete choice experiment**

Ines Aumann, Katharina Schmidt, Kathrin Damm, Heike Buhr-Schinner, Jochen van der Meyden, Konrad Schultz, Heidrun Lingner, Speaker to be confirmed

**Tracheostomy decannulation in chronic severe brain injury patients: The role of fiberbronchoscopy**

Barbara Lanini, Barbara Binazzi, Isabella Romagnoli, Camilla Grifoni, Carla Castellani, Ariela Tofani, Lorenzo Corbetta, Francesco Gigliotti, Speaker to be confirmed

**Prevalence of depression in children with asthma**

Khashayar Mirab Zadeh, Bamdad Mirab Zadeh, Fatemeh Ghassem Boroujerdi, Mitra Safa, Soheila Khalil Zadeh, Speaker to be confirmed

**Effects of four different mechanically assisted coughing procedures on pulmonary function in patients with neuromuscular disease**

Kazuto Kikuchi, Masahiro Satake, Fumihiko Onozaki, Yukihiko Sugimoto, Toru Kato, Itsuki Sato, Mika Matsuura, Yukiko Sawamura, Koudai Sugawara, Miki Kikuchi, Michio Kobayashi, Chizu Wada, Takanobu Shioya, Speaker to be confirmed

**Findings bronchoscopy in tracheostomised children**

Claudia Astudillo Maggio, Gregory Villarroel, Paloma Farias, Ana Moya, Mireya Mendez, Speaker to be confirmed

**A comparative effectiveness review: Responsiveness of patient outcome measures (POMs) in outpatient-based cardiac and respiratory rehabilitation**

Flora-Joan van Rotterdam, Michael Hensley, Michael Hazelton, Speaker to be confirmed

**Validity and intra-class reliability of spirometry using a mask instead of a mouthpiece**

Kenichi Ito, Koji Nonaka, Shohei Takeda, Takeshi Nishikawa, Kunihiko Anami, Jun Horie, Morihiro Tsujishita, Hirobumi Kawamura, Speaker to be confirmed

**Vertebral deformity and hyperkyphosis in people with chronic obstructive pulmonary disease**

Wendy Darlene Reid, Yi-Wen Chen, Harvey Coxson, Speaker to be confirmed

**Weaning from prolonged mechanical ventilation (PMV): Impact of a specialist centre**

Piers Dixey, Mohammed Nedham, Patrick Murphy, Nick Hart, Jeorg Steier, Philip Marino, Lucy Mcgee, Speaker to be confirmed

**Palliation of patients with chronic obstructive pulmonary disease (COPD)**

Natasha Smallwood, John Taverner, Claire Bartlett, Lauren Ross, Louis Irving, Jennifer Philip, Speaker to be confirmed

**Validation of the multi-independence dimensions (MIND) questionnaire for prolonged mechanical ventilated patients**

Javier Murcia, Joao Winck, Hé lène Gilet, Peter Kalin, Fabian Plano, Antoine Regnault, Michael Dreher, Michele Vitacca, Nicolino Ambrosino, Speaker to be confirmed

**Postural instability and sleep disorder in the elderly**

Masashi Kanezaki, Speaker to be confirmed

**Obesity hypoventilation syndrome with chronic respiratory insufficiency versus chronic obstructive pulmonary disease with obesity: Similar versus nonsimilar characteristics**

Nezihe Ciftaslan Goksenoglu, Eylem Acarturk Tuncay, Feyza Kargin, Emine Aksoy, Huriye Berk Takir, Sinem Gungor, Fulya Cigiltepe, Ozlem Yazicioglu Mocin, Gokay Gungor, Nalan Adiguzel, Zuhul Karakurt, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Hospitalization and comorbidities in chronic lung diseases**

Chairs :

**Pulmonary rehabilitation for acute exacerbations of chronic obstructive pulmonary disease (COPD): A systematic review**

Elizabeth Moore, Thomas Palmer, Roger Newson, Azeem Majeed, Jennifer Quint, Michael Soljak, Speaker to be confirmed

**Early supported discharge/hospital at home for exacerbation of chronic obstructive pulmonary disease, A review and meta-analysis**

Carlos Echevarria, Karen Brewin, Hazel Horobin, Andrew Bryant, John Steer, Stephen C. Bourke, Speaker to be confirmed

**Respiratory muscles trainings are effective in lowering the pneumonia frequency in patients with heart failure and chronic obstructive pulmonary disease**

Elena Kolesnikova, Gregory Arutyunov, Olga Kostyukevich, Anna Rylova, Speaker to be confirmed

**COPD specific comorbidities: A prospective, objective and controlled evaluation**

Filip J.J. Triest, Frits M.E. Franssen, Niki L. Reynaert, Martijn A. Spruit, Daisy J.A. Janssen, Emiel F.M. Wouters, Erica P.A. Rutten, Lowie E.G.W. Vanfleteren, Speaker to be confirmed

**Effects of pulmonary rehabilitation on exacerbation number and severity in people with chronic obstructive pulmonary disease (COPD)**

Elizabeth Moore, Roger Newson, Kieran Rothnie, Miland Joshi, Thomas Palmer, Michael Soljak, Jennifer Quint, Speaker to be confirmed

**Prevalence of metabolic syndrome in patients with chronic obstructive pulmonary disease**

Jamol Uzokov, Anis Alyavi, Bekzod Karimov, Speaker to be confirmed

**Frequency of adverse consequences after spirometry in patients with chronic obstructive pulmonary disease and concomitant ischemic heart disease**

Daria Didenko, Lesya Rasputina, Yuriy Mostovoy, Nataliya Cherepii, Speaker to be confirmed

**Anemia in patients with chronic obstructive pulmonary disease - Association with comorbidities**

Tina Gissel, Anne Pernille Toft-Pedersen, Michael Skov Jensen, Ulla Møller Weinreich, Nils Milman, Speaker to be confirmed

**Risk factors for another hospitalization in COPD patients hospitalized for exacerbation**

Emna Ben Jemia, Ines Zendah, Hamida Kwas, Emna Guerhazi, Amel Khattab, Habib Ghedira, Speaker to be confirmed

**A retrospective cohort study demonstrating the impact of an OPEP device on exacerbations in COPD patients with chronic bronchitis**

Jason Suggett, Speaker to be confirmed

**Is there benefit from proactive case-detection of left ventricular systolic dysfunction (LVSD) using BNP in patients with advanced COPD?**

Ben James, Neil Greening, Nicole Toms, Michael Steiner, Rachael Evans, Speaker to be confirmed

**Analysis of the quality of rehabilitation in disabled due to COPD in Ukraine**

Nataliia Sanina, Svitlana Panina, Nataliia Gondulenko, Speaker to be confirmed

**Relationship between emergency admission and exercise capacity in patients with COPD**

Hulya Sahin, Ilknur Naz, Isil Karasu, Nimet Aksel, Speaker to be confirmed

**Forced oscillations technique can highlight the effects of bronchial airways clearance in COPD**

Isabella Romagnoli, Elisabetta Maria Romano, Barbara Lanini, Barbara Binazzi, Emanuele Vulpio, Alessio Lazzeri, Carla Castellani, Francesco Gigliotti, Speaker to be confirmed

**Identification of oxidative stress markers and their association with inflammation in smokers and early chronic obstructive pulmonary disease (COPD)**

Laura Caram, Renata Ferrari, Duelele Nogueira, Flavia Nogueira, Katina Souza, Nayara Arruda, Mariana Braz, Suzana Tanni, Camila Corrêa, Irma Godoy, Speaker to be confirmed

**The effect of pulmonary rehabilitation on oxidative stress after acute exacerbation in COPD**

Zsuzsanna Kelemen, Orsolya Drozdovszky, Maria Kerti, Zsuzsanna Balogh, Imre Barta, Balazs Antus, János Tamás Varga, Speaker to be confirmed

**Effectiveness of the "living well with COPD" intervention on coping, smoking behavior and exacerbations in patients from Swiss primary care: A non-randomized controlled study**

Claudia Stey, Julia Braun, Violeta Gaveikaite, Stefan Markun, Kaba Dalla Lana, Milo Puhan, Speaker to be confirmed

**Action plans with brief patient education only for exacerbations in COPD: A systematic review**

Julia Walters, Maxwell Howcroft, Richard Wood-Baker, E. Haydn Walters, Speaker to be confirmed

**Home care in patients hospitalized for exacerbation of COPD**

Felipe Villar Alvarez, Diana Sánchez Mellado, Itziar Fernández Ormaechea, Laura Álvarez Suárez, María José Checa Venegas, Rebeca Armenta Fernández, María Teresa Gómez del Pulgar Murcia, Elena Cabezas Pastor, Andrés Giménez Velando, Germán Peces-Barba Romero, Speaker to be confirmed

**The impact of comorbidities on pulmonary rehabilitation outcomes in patients with COPD**

Anastasios Kallianos, Maria Charikiopoulou, Ioannis Arapis, Lemonia Velentza, Alexandros Kokkolios, Maria Bletsas, Georgia Trakada, Aggeliki Rapti, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: A view to a chest and pleural pathology****Chairs :****Role of chest ultrasonography in prognosis of community-acquired pneumonia**

Davis Kizhakkepeedika Rennis, Anas Muhammed, Speaker to be confirmed

**Ultrasound characteristics of community acquired pneumonia in children**

Vojko Berce, Maja Tomazin, Brigita Koren, Speaker to be confirmed

**Ultrasound-guided transthoracic biopsy of the peripheral lung tumors-why do we need it?**

Lavinia Davidescu, Dumitru Dragnea, Ruxandra Ulmeanu, Dana Olar, Speaker to be confirmed

**The risk of pneumothorax in ultrasonographic guided transthoracic lung biopsy**

Lavinia Davidescu, Dumitru Dragnea, Ruxandra Ulmeanu, Dana Olar, Alina Popa, Speaker to be confirmed

**Ultrasonic assessment of accessory respiratory muscles (RM) in young men and women with joint hypermobility**

Lemeschewskij Alexandr, Lemiasheuskaya Sviatlana, Alekseev Sergey, Makarevich Alexandr, Speaker to be confirmed

**Hydrothorax index (HI) as a novel, pleural effusions' grayscale sonographic parameter and its correlation with fluid's analysis results**

Alexander Kalkanis, Charalampos Varsamas, George Vavougiou, Konstantinos Gourgoulis, Speaker to be confirmed

**B lines: Role of chest sonography in assessment of bronchiectasis**

Mohamed Barakat, Speaker to be confirmed

**Study of prevalence & ultrasonographic characteristics of carotid plaques in patients with COPD: An Indian perspective**

Manas Mengar, Madhav Kale, Parag Khatavkar, Kedar Korde, Speaker to be confirmed

**Possible use of chest ultrasonography in asbestos related lung diseases**

Andrea Smargiassi, Giuliana Pasciuto, Ilaria Pedicelli, Erminia Lo Greco, Mariarosaria Calvello, Riccardo Inchingolo, Gioacchino Schifino, Patrizio Capoluongo, Pasquale Patriciello, Maurizio Manno, Alfonso Cirillo, Gino Soldati, Ivo Iavicoli, Speaker to be confirmed

**Use of a calcium sensitizer to improve diaphragmatic motility in difficult weaning**

Lucia Morelli, Claudia Serra, Mario Guarino, Fabio Numis, Ilaria Vernoni, Imma Cortile, Luisa Isabella Siniscalchi, Rita Lebano, Speaker to be confirmed

**Ultrasound assessment of diaphragmatic function in subjects with COPD**

Marco Rossetti, Paolo Marinelli, Irene Turinese, Marcello Di Paolo, Matteo Bonini, Paolo Palange, Speaker to be confirmed

**Accuracy and clinical impact of point-of-care lung ultrasound performed by respiratory physicians**

Giuseppe Francesco Sferazza Papa, Michele Mondoni, Giovanni Volpicelli, Paolo Carlucci, Fabiano Di Marco, Elena Maria Parazzini, Francesca Reali, Giulia Michela Pellegrino, Paola Fracasso, Simone Sferazza Papa, Livio Colombo, Stefano Centanni, Speaker to be confirmed

**Unindustrial asbestosis of pleura**

Anatoliy Lenshin, Victor Kolosov, Andrey Il' in, Juliy Perelman, Speaker to be confirmed

**Computed tomography pulmonary angiogram (CTPA) usage in patients with suspected pulmonary embolism (PE) in Queen Elizabeth Hospital**

Mitra Sadeghi, Vasiliki Tsampasian, Arun Arya, Speaker to be confirmed

**Association of esophageal dilatation in chest CT scan with gastroesophageal reflux disease: A case control study**

Hanieh Raji, Seyed Ali JavadMoosavi, Seyed Jalal Hashemi, Esmaeil Idani, Ali Javaherfouroushadeh, Speaker to be confirmed

**Utility of high-resolution computed tomography for the rapid diagnosis of sputum smear and PCR-negative pulmonary tuberculosis**

Jae Seuk Park, Ku Hyun Hong, Doh Hyung Kim, Speaker to be confirmed

**Correlation between radiologic activities on Chest CT with microbiologic results via bronchoscopy in pulmonary tuberculosis**

Ho-Young Lee, Seung Jung Yu, Byung Cheol Chung, Hyun-Kyng Lee, Yousang Ko, Speaker to be confirmed

**Do doctors understand the test characteristics of lung cancer screening? – A randomized trial**

Richard Schmidt, Robab Breyer-Kohansal, Marie Kathrin Breyer, Matthias Urban, Georg-Christian Funk, Speaker to be confirmed

**Profile and nodule characteristics of patients with incidental solid pulmonary nodules**

Apheera Hussain, Anum Azhar, Shohidul Islam, Georgia Hardavella, Sujal Desai, Speaker to be confirmed

**Profile and nodule characteristics of patients with incidental subsolid pulmonary nodules (SSN)**

Anum Azhar, Apheera Hussain, Shohidul Islam, Sujal Desai, Georgia Hardavella, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Mixed up-imaging of various chest diseases**

Chairs :

**CT-guided percutaneous lung needle biopsy in patients with haematological diseases**

Oana Anitei, Francois Mellot, Helene Salvator, Axel Guth, Elisabeth Rivaud, Fabrice Staub, Emilie Catherinot, Louis-Jean Couderc, Speaker to be confirmed

**Radiographic changes in patients with tumor necrosis factor alpha inhibitor and immunomodulatory drug users: Four years follow up**

Zeynep Burcin Yilmaz, Peri Meram Arbak, Tugç e Pasin, Esma Uslu, Ege Gü leç Balbay, Ö ner Balbay, Speaker to be confirmed

**Correlation of diffusion MRI with the Ki-67 index in non-small cell lung cancer**

Adem Karaman, Irmak Durur-Subasi, Fatih Alper, Omer Araz, Mahmut Subasi, Elif Demirci, Mevlut Albayrak, Gokhan Polat, Metin Akgü n, Nevzat Karabulut, Speaker to be confirmed

**Applicative value of chest HRCT for bronchiectasis evaluating in pulmonary infection with pseudomonas aeruginosa in patients with cystic fibrosis**

Ludmila Balanetchi, Svetlana Sciuca, Maxim Crivceanschi, Cecilia Grigore, Aliona Cotoman, Eugenia Crivceanschi, Speaker to be confirmed

**The role of MDCT in the management of hemothorax in traumatized patients**

Bruna Malta, Caterina Albieri, Stefano Tartari, Clorinda Montalto, Zairo Ferrante, Francesco Feletti, Andrea Aliverti, Giorgio Benea, Melchiorre Giganti, Speaker to be confirmed



**Attenuation change of lung nodules according to variation of examination techniques in low dose CT using iterative reconstruction: A phantom study**

Jae Yong Cho, Kyung Joo Park, Joo Sung Sun, Joo Heon Park, Speaker to be confirmed

**Prevalence and clinical significance of pulmonary disease found incidentally by coronary CT**

Atsushi Kitamura, Kouhei Okafuji, Hiroshi Nakaoka, Tomoyuki Tanigawa, Ryosuke Tsugitomi, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Naohiko Chohnabayashi, Speaker to be confirmed

**Estimation of the doses of ionizing radiation related to diagnostic and follow-up imaging in patients with solitary pulmonary nodules**

Marta Dabrowska, Marta Maskey-Warzechowska, Malgorzata Kobylecka, Malgorzata Zukowska, Rafal Krenke, Speaker to be confirmed

**Long-term results obtained by cardiovascular magnetic resonance imaging and somatostatin receptor PET in cardiac sarcoidosis**

Carmen Pizarro, Folke Klunker, Darius Dabir, Florian Gärtner, Christian Grohé, Georg Nickenig, Dirk Skowasch, Speaker to be confirmed

**MR imaging of lung parenchymal changes in sarcoidosis**

Sebastian Ley, Hedwig Schenk, Michaela Karl, Almuth Pforte, Speaker to be confirmed

**Radiologic features of lung involvement in young patients with viral pneumonia**

Anastasiya Belozertseva, Olga Lukina, Aleksandra Speranskaya, Maksim Stalkov, Inna Voydak, Viktor Amosov, Speaker to be confirmed

**Agreement between MRI and CT in postnatal evaluation of congenital lung malformations**

Andrea Farolfi, Alessandra Primolevo, Salvatore Zirpoli, Alice Marianna Munari, Alessandra Zenga, Giovanna Riccipettoni, Andrea Righini, Gian Vincenzo Zuccotti, Speaker to be confirmed

**Cystic adenomatoid malformation of the lung in adult patients: Clinicoradiological features and surgical management**

Paola Lucia Arrieta Narvaez, Luis Gorospe Sarasúa, Gema Muñoz Molina, Rosa Mariela Mirambeaux Villalona, Speaker to be confirmed

**Pulmonary sequestration: Beyond surgery...**

Telma Chantal Almeida Sequeira, Natalie Antunes, Luciana Bento, José Pedro Bolé-o-Tomé, Rosana Santos, Otília Fernandes, Luísa Figueiredo, Speaker to be confirmed

**Chest CT findings in premature born children with bronchopulmonary dysplasia**

Evghenia Crivceanscaia, Rodica Selevestru, Maxim Crivceanschii, Aliona Cotoman, Svetlana Sciuca, Speaker to be confirmed

**Kartagener syndrome: A quick glance through a case series misdiagnosed as asthma**

Bikem Güllüoğlu, Gökcan Okur, Speaker to be confirmed

**Results of a spiral computer tomography are basis of a modeling of a children thorax**

Olga Semernik, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Airway stenting and ablating**

Chairs :

**Biodegradable stents: Our results in 23 patients with tracheal narrowing**

Ludek Stehlík, Sarka Lefnerova, Vladislav Hytych, Pavel Horazdovsky, Vitezslav Kolek, Miloslav Marel, Martina Vasakova, Speaker to be confirmed

**Y-metal-stents and upper lobe carina**

Franz Stanzel, Uta Wuelfing, Ulrich Klein, Joern Brune, Speaker to be confirmed

**First experience with a biodegradable endobronchial stent in a case of bronchomalacia**

Tino Schneider, Florent Baty, Lukas Kern, Joerg Hansen, Martin Brutsche, Speaker to be confirmed

**Management of airway involvement in patients with advanced esophageal cancer**

Carolina Castro de Sousa, Carla Simão, José Pedro Bolé-o-Tomé, Rui Costa, Fernando Rodrigues, Speaker to be confirmed

**An attempt to remove tracheal stents earlier: The combined use of topical mitomycin C and silicon stent insertion**

Jaechun Lee, Changhwan Kim, Speaker to be confirmed

**Management of bronchial stenosis due to right-sided aortic arch and descending aorta using bronchial Y stent**

Ekrem Cengiz Seyhan, Mehmet Akif Özgünel, Erdogan Çetinkaya, Guler Ozgul, Speaker to be confirmed

**Rigid bronchoscopy and large airway intervention: A review of 1,379 cases at a single tertiary UK centre**

Lola Loewenthal, Emily Shaw, Brendan Madden, Speaker to be confirmed

**"Cooking the beast" microwaves: A new fast method for reopening the airways**

Michela Bezzi, Marco Trigiani, Mauro Novali, Stefano Orsi, Stefano Vezzosi, Guido Biffi Gentili, Speaker to be confirmed

**Bronchial thermoplasty in patients with very severe asthma: Safety and clinical outcomes**

Paola Antonella Benedetti, José Javier García López, Ingrid Frías Bezzant, Milagros Llanos Flores, Alicia Oliva Ramos, M. Sánchez Casado, Luis Puente Maestu, Speaker to be confirmed

**Short-term effects of bronchial thermoplasty on pulmonary function in patients with severe asthma**

Motoyasu Iikura, Satoru Ishii, Shinyu Izumi, Masayuki Hojo, Haruhito Sugiyama, Speaker to be confirmed

**Bronchial thermoplasty in uncontrolled severe persistent asthma. Preliminary results**

Eli Nancy Perez Rodas, Patricia Raya, Carlos Martinez Rivera, Felipe Andreo Garcia, Carmen Centeno, Pere Serra, Gloria Bonet, Jose Sanz, Marisa Rivera, Juan Ruiz, Speaker to be confirmed

**Endobronchial radiofrequency ablation for verrucous carcinoma of the trachea**

Claus Steppert, Florian Fuchs, Markus Neurath, Speaker to be confirmed

**Foreign body aspiration: A 7-year retrospective review**

Christine Silva Costa, Luís Martins, Salvato Feijó, Paula Monteiro, José Rosal Gonçalves, Cristina Bárbara, Speaker to be confirmed

**Segmental volume reduction with vapor ablation preserves healthier segments within a lobe as compared to lobar reduction approach**

Pallav L. Shah, Arschang Valipour, Ralf Eberhardt, Christian Grah, Jim Egan, Joachim H. Ficker, Daniela Goplemann, William H. McNulty, Manfred Wagner, Christian Witt, Uta Liebers, Wolfgang Wolfgang Gesierich, Martin Phillips, Franz Stanzel, Christoph Petermann, Greg Snell, Felix J.F. Herth, Speaker to be confirmed

**Negative pressure-related complications after valves for emphysema: What else than pneumothorax**

Hugo Goulart De Oliveira, Silvia Martins de Oliveira, Diogo Martins de Oliveira, Bruno Rocha Macedo, Amarilio Viera de Macedo Neto, Speaker to be confirmed

**Patient selection and efficacy of valve bronchoscopic lung volume reduction (BLVR) in emphysema**

Michela Bezzi, Mauro Novali, Pierfranco Foccoli, Speaker to be confirmed

**A novel non-surgical treatment of symptomatic congenital lobar emphysema**

Mareike Price, Christoph Happel, Folke Brinkmann, Georg Hüskamp, Timothy Price, Gesine Hansen, Harald Bertram, Nicolaus Schwerk, Speaker to be confirmed

**Role of quantitative perfusion scintigraphy evaluation in determination of the efficiency of the procedure before lung volume reduction coil (LVRC) treatment for severe emphysema**

Fidan Yildiz, Inanc Karapolat, Güray Oncel, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: EBUS and transthoracic ultrasound**

Chairs :

**Learning curves for ultrasound guided lung biopsy in the hands of respiratory physicians**

Christian Laursen, Therese Maria Henriette Naur, Uffe Bodtger, Lars Konge, Daniel Pilsgaard Henriksen, Sara Colella, Matiullah Naqibullah, Valentina Minddal, Jesper Rømhild Davidsen, Niels Christian Hansen, Ole Graumann, Paul Frost Clementsen, Speaker to be confirmed

**Ultrasound guided true cut biopsy of peripheral lymph nodes as a staging procedure in patients with non-small cell lung cancer (NSCLC)**

Rosen Petkov, Yordanka Yamakova, Speaker to be confirmed

**Transthoracic ultrasound can safely rule-out pneumothorax post-lung biopsy**

Georgios Tsaknis, Abdul Nasimudeen, Fiona McCann, Philip Pearson, Andrew Jeffrey, Speaker to be confirmed

**Diagnostic yield of EBUS-TBNA for mediastinal lymphoma**

Serhat Erol, Onur Fevzi Erer, Ceyda Anar, Serir Aktogu, Zekiye Aydogdu, Speaker to be confirmed

**The diagnostic efficacy of EBUS-TBNA in tuberculous lymphadenitis**

Onur Fevzi Erer, Serhat Erol, Ceyda Anar, Can Bicmen, Zekiye Aydogdu, Serir Aktogu, Speaker to be confirmed

**Prospective study of moderate versus deep sedation in endobronchial ultrasound guided transbronchial needle aspiration**

Isabelle Rault, Damien Basille, Marine Wallaert, Claire Andrejak, Emmanuelle Lecuyer, Florence Lemeunier, Remi Suguenot, Jean Baptiste Obstler, Houcine Bentayeb, Michel Shiniara, Dayen Charles, Vincent Jounieaux, Youcef Douadi, Speaker to be confirmed

**Incidence of TB Lymphadenopathy on EBUS TBNA in renal failure v/s non renal failure patients**

Umang Shah, Nevin Kishore, Dinesh Khullar, Nitin Dayal, Palak Brahmhatt, Speaker to be confirmed

**How to achieve the higher diagnostic yield using EBUS-TBNA method to confirm sarcoidosis?**

Lukasz Kasper, Anna Andrychiewicz, Marta Kasper, Romana Tomaszewska, Jerzy Soja, Krzysztof Sladek, Speaker to be confirmed

**Safety and efficacy of ultrasound-guided lung biopsies in an outpatient physician-led service**

Georgios Tsaknis, Abdul Nasimudeen, Fiona McCann, Brian Richardson, Andrew Jeffrey, Speaker to be confirmed

**Usefulness of CT-guided percutaneous transthoracic needle biopsy with additional laser-guidance system**

Dong Il Park, Ju Ock Kim, Sung Soo Jung, Hee Sun Park, Chae Uk Chung, Yeon Hee Park, Min Cheol Jeon, Speaker to be confirmed

**CT-guided transthoracic fine-needle aspiration vs core needle biopsy in diagnosis of lung cancer: A retrospective comparison of diagnostic accuracy**

Alexandra Suliana Mogrovejo Calle, Nieves Navarro, Ignacio Inchaurreaga, Ildeafonso Furest, Ruben Lera, Eva Martinez Moragon, Speaker to be confirmed

**Diagnostic value of endobronchial ultrasound elastography for the differentiation of benign and malignant intrathoracic lymph nodes**

Viboon Boonsarngsuk, Potjane Korrunguang, Speaker to be confirmed

**Granulomatous inflammation detected by bronchoscopy with endobronchial ultrasound-guided transbronchial needle aspiration in patients with suspected cancer recurrence in the mediastinum**

Elio Donna, Speaker to be confirmed

**Endobronchial ultrasound (EBUS) transbronchial needle aspiration (TBNA) in germ cell cancer patients with mediastinal lymphadenopathy: A single centre retrospective analysis**

Lars Schmidt, Berit Lauterbach, Anna Hansmeier, Inken Hartig, Torsten Kessler, Christoph Schliemann, Arik Bernard Schulze, Eva Wardelmann, Gerald Pühse, Wolfgang Berdel, Rainer Wiewrodt, Michael Mohr, Speaker to be confirmed

**Isolated mediastinal lymphadenopathy - How does EBUS-TBNA perform in clinical practice?**

Prasad Palani Velu, Philip Reid, William Wallace, Kristopher Skwarski, Speaker to be confirmed

**Comparison of endobronchial and endoscopic ultrasound-guided needle aspiration performed by single ultrasound bronchoscope for diagnosis of sarcoidosis – A prospective study**

Anna Filarecka, Stanislaw Orzechowski, Ewa Laczynska, Maciej Gnass, Jerzy Soja, Juliusz Pankowski, Anna Obrochta, Adam Cmiel, Katarzyna Solarczyk-Bombik, Marcin Zielinski, Artur Szlubowski, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Orphan Diseases (I)****Chairs :****Review of care in patients dying of pulmonary fibrosis in a district general hospital**

Nevan Meghani, Beth Turnpenny, Abdul Ashish, Speaker to be confirmed

**Hypoxic challenge testing in idiopathic pulmonary fibrosis**

Ian Cliff, Michael Hepple, Marie Hardy, Jacqueline Piggott, Pamela Birks, Monica Spiteri, Naveed Mustafa, Helen Stone, Speaker to be confirmed

**Clinical features of patients with idiopathic pulmonary upper lobe-dominant fibrosis**

Shun Shinomiya, Yutaka Usui, Akiko Kaga, Makoto Nagta, Speaker to be confirmed

**Surfactant protein-D level as a predictor of prognosis of interstitial lung disease induced by anticancer agents in advanced lung cancer**

Motoyasu Kato, Shinichi Sasaki, Takehito Shukuya, Yasuhito Sekimoto, Hiroaki Ihara, Ryo Koyama, Naoko Suimada, Osamu Nagashima, Fumiyuki Takahashi, Shigeru Tominaga, Kazuhisa Takahashi, Speaker to be confirmed

**Inhaled sargramostim and whole lung lavage (WLL) as therapy of autoimmune pulmonary alveolar proteinosis (aPAP)**

Ilaria Campo, Francesca Mariani, Elena Paracchini, Zamir Kadija, Michele Zorzetto, Carmine Tinelli, Giuseppe Rodi, Federica Meloni, Matthias Griese, Bruce Trapnell, Gerhard Scheuch, Bernhard Muellinger, Maurizio Luisetti, Speaker to be confirmed

**Whole lung lavage therapy (WLL) of pulmonary alveolar proteinosis (PAP): A global survey of current practices and procedures**

Ilaria Campo, Maurizio Luisetti, Matthias Griese, Bruce C. Trapnell, Francesco Bonella, Jan Grutters, Koh Nakata, Coline Van Moorsel, Ulrich Costabel, Vincent Cottin, Toshio Ichihata, Yoshikazu Inoue, Antonio Braschi, Giacomo Bonizzoni, Giorgio Iotti, Carmine Tinelli, Giuseppe Rodi, WLL International Study Group, Speaker to be confirmed

**Short-term variation of lung function and airway inflammation in children and adolescents with bronchiolitis obliterans**

Martin Rosewich, Jonas Eckrich, Felix Michel, Ralf Schubert, Stefan Zielen, Speaker to be confirmed

**Establishment of the consecutive registration system for pulmonary alveolar proteinosis in Japan: Updated incidence, prevalence and surveillance for intractable cases**

Yoshikazu Inoue, Koh Nakata, Etsuro Yamaguchi, Toru Arai, Chikatoshi Sugimoto, Yasuhiro Setoguchi, Toshio Ichihata, Masahito Ebina, Kazutoshi Cho, Ryushi Tazawa, Haruyuki Ishii, Takahiro Kasai, Masanori Akira, Kanji Uchida, Hiroshi Kida, Sakae Homma, Koichiro Tatsumi, Arata Azuma, Koichi Hagiwara, Keisuke Tomii, Masanori Kitaichi, Masaru Suzuki, Kohnosuke Morimoto, Toshinori Takada, Hideaki Nakayama, Shinya Ohkouchi, Takahiro Tanaka, Masaki Hirose, Akiko Matsumuro, Speaker to be confirmed

**Pulmonary function tests for lymphangioleiomyomatosis screening in women with tuberous sclerosis complex**

Fabiano Di Marco, Silvia Terraneo, Giuseppina Palumbo, Gianluca Imeri, Francesca La Briola, Silvia Tresoldi, Angela Volpi, Lorenzo Gualandri, Filippo Ghelma, Rosa Maria Alfano, Emanuele Montanari, Alfredo Gorio, Elena Lesma, Angela Peron, Maria Paola Canevini, Stefano Centanni, Speaker to be confirmed

**Lymphangioma in patients with pulmonary lymphangioleiomyomatosis – Results of sirolimus treatment**

Elzbieta Radzikowska, Katarzyna Blasinska-Przerwa, Paulina Jagus, Elzbieta Wiatr, Joanna Chorostowska-Wynimko, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**Inhaled GM-CSF in pulmonary alveolar proteinosis (PAP) patient refractory to plasmapheresis combined with multiple whole lung lavages (WLL)**

Francesca Mariani, Ilaria Campo, Elena Paracchini, Davide Piloni, Zamir Kadija, Michele Zorzetto, Annalisa De Silvestri, Carmine Tinelli, Federica Meloni, Maurizio Luisetti, Speaker to be confirmed

**Inhaled rhGM-CSF (molgramostim) in the first randomised, double-blind, placebo-controlled, international trial in patients with autoimmune alveolar proteinosis (aPAP)**

Francesco Bonella, Yoshikazu Inoue, Inge Tarnow, Cecilia Ganslandt, Mette Vinge, Kim Arvid Nielsen, Cliff Morgan, Speaker to be confirmed

**Serum biomarkers as prognostic factors of autoimmune pulmonary alveolar proteinosis after whole lung lavage**

Chikatoshi Sugimoto, Toru Arai, Akiko Matsumuro, Masaki Hirose, Youhei Kimura, Shinji Futami, Taro Koba, Shoko Sonobe, Sayoko Tokura, Keiko Nakao, Syojiro Minomo, Tomoko Kagawa, Yasushi Inoue, Yoshikazu Inoue, Speaker to be confirmed

**Family history of pneumothorax leading to Birt-Hogg-Dubé syndrome diagnosis**

Agisilaos Dervas, Dimosthenis Papapetrou, Amerini Dimitrakopoulou, Dimitri Tchernitchko, Caroline Kannengiesser, Raphael Borie, Demosthenes Bouros, Spyros Papis, Effrosyni Manali, Speaker to be confirmed

**Bagpipe lung; a new type of interstitial lung disease?**

Jenny King, Nazia Chaudhuri, Jayne Holme, Paul Bishop, Anne-Marie Quinn, Speaker to be confirmed

**Eosinophilic lung disease**

Samira Aouadi, Boutheina Melki, Emna Braham, Houda Gharsalli, Sonia Maâlej, Leila Douik Elgharbi, Speaker to be confirmed

**Environmental exposures in 513 patients of hypersensitivity pneumonitis: Prospective ILD India registry**

Sheetu Singh, Bridget Collins, Bharat Bhushen Sharma, Jyotsana M. Joshi, Deepak Talwar, Sandeep Katiyar, Nishtha Singh, Lawrence Ho, Jai Kumar Samaria, Parthasarathi Bhattacharya, Rakesh Gupta, Sudhir Chaudhari, Tejraj Singh, Vijay Moond, Sudhakar Pipavath, Jitesh Ahuja, Ravindran Chetambath, Alope G. Ghoshal, Nirmal Kumar Jain, H.J. Gayathri Joshy, Surya Kant, Parvaiz Koul, Raja Dhar, Rajesh Swarnkar, Surendra K. Sharma, Dhruvajyoti Roy, Kripesh R. Sarmah, Bhavin Jankharia, Rodney A. Schmidt, Virendra Singh, Ganesh Raghu, Speaker to be confirmed

**Rare cause of interstitial lung disease in children: Pleuroparanchymal fibroelastosis**

Nilay Bas Ikizoglu, Emine Atag, Ela Erdem Eralp, Yasemin Gokdemir, Gursu Kiyani, Fazilet Karakoc, Refika Ersu, Bulent Karadag, Speaker to be confirmed

**Bronchopulmonary dysplasia in children: Prediction and prevention of the mortality at first year**

Olga Logvinova, Ganna Senatorova, Alexandr Onikienko, Ekaterina Logvinova, Speaker to be confirmed

**Mycophenolate mofetil and azathioprine in chronic hypersensitivity pneumonitis**

Julie Morisset, Kerri A. Johannson, Eric Vittinghoff, Brett M. Elicker, Kirk D. Jones, Bruno-Pierre Dubé, Harold R. Collard, Christopher J. Ryerson, Brett Ley, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: ILD: from bench to bedside**

Chairs :

**Interaction between mitochondrial ROS and ER stress on PHMG-induced pulmonary fibrosis**

Yong Chul Lee, So Ri Kim, Dong Im Kim, Soon Ha Kim, Speaker to be confirmed

**CHI-91040, a novel inhaled p38 inhibitor, counteracts lung inflammation induced by IL-1 in the rat**

Cataldo Martucci, Annalisa Murgo, Valentina Bagnacani, Giancarlo Aquino, Mary Fitzgerlad, Hanry Finch, Craig Fox, Chiara Carnini, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Speaker to be confirmed

**Mesenchymal stem cells isolated from fibrotic human lung tissue inhibit collagen expression by lung fibroblasts**

Petra Khan, Amiq Gazdhar, Spasenija Savic, Michael Tamm, Didier Lardinois, Michael Roth, Thomas Geiser, Katrin Esther Hostettler, Speaker to be confirmed

**Phenotype heterogeneity in a familial "brain lung thyroid syndrome" related to a novel NKX-2.1 mutation**

Nadia Nathan, Raphaëlle Borie, Sophie Jovien, Diane Doummar, Malek Louha, Julie Beucher, Mélanie Henriat, Estelle Breton, Annick Clement, Speaker to be confirmed

**IL-6 and IL-8 in stable and exacerbated IPF patients and their association to outcome**

Ioannis Tomos, Effrosyni Manali, Anna Karakatsani, Aris Spathis, Ioanna Korbila, Antonis Analitis, Petros Karakitsos, Spyros Papis, Speaker to be confirmed

**Role of dendritic cells in pulmonary fibrosis in mice**

Meritxell Tort Tarrés, Regina Maus, Jennifer Stolper, Franziska Aschenbrenner, Tobias Welte, Jack Gaudie, Martin Kolb, Ulrich A. Maus, Speaker to be confirmed

**mRNA expression of YY1, TNF- $\alpha$  and TGF- $\beta$  in lung samples gained by transbronchial biopsies (TBB) in patients with different interstitial lung diseases (ILDs)**

Peter Paluch, Martina Kolbekova, Martina Sterclova, Ondrej Viklicky, Irena Brabcova, Jelena Skibova, Martina Vasakova, Speaker to be confirmed

**Targeting pyruvate kinase M2 isoform inhibits proliferation of human lung fibroblasts**

Ellen Forty, Paul Mercer, Dimitrios Anastasiou, Rachel Chambers, Speaker to be confirmed

**Circulating monocytes from interstitial lung disease patients show an activated phenotype**

Flavia Greiffo, Isis Fernandez, Marion Frankenberger, Jürgen Behr, Oliver Eickelberg, Speaker to be confirmed

**Cytofluorimetric BAL cells characterization in IPF and in other ILD**

Ermanno Puxeddu, Daniela Fraboni, Floriana Bardaro, Francesco Buccisano, Gabriella Lucà, Paola Rogliani, Speaker to be confirmed

**The expression of hippo effector YAP is correlated with the grade of fibrosis and steroid responsibility of NSIP**

Chaeuk Chung, Dong Il Park, Sun Young Kim, Ju Ock Kim, Hee Sun Park, Jae Young Moon, Jeong Eun Lee, Speaker to be confirmed

**Idiopathic pulmonary fibrosis: Qualitative examination of patient perceptions and experience of care**

Greta Jacobsen, Grainne O'Brien, Pauline McFarlane, Nik Hirani, Gareth Stewart, Speaker to be confirmed

**Evaluation of laryngopharyngeal reflux in patients with interstitial lung disease (ILD) by a pharyngeal pH-probe**

Eva Brunnemer, Ute Oltmanns, Stella Piel, Felix Herth, Michael Kreuter, Speaker to be confirmed

**Correlation of high resolution CT patterns to pulmonary function tests in patients with interstitial lung diseases**

Khaled Hussein, Lamiaa Shaban, Ehab Mohamed, Speaker to be confirmed

**Clinical characteristics of patients with Idiopathic pulmonary fibrosis in a tertiary care center of a developing country**

M. Sajjad Sarwar, Ali B.S. Zubairi, Muhammad Irfan, Talha Shahzad, Aamir Abbas, Speaker to be confirmed

**Investigation of KL-6 levels in patients with IPF- OSA overlap syndrome: Preliminary results**

Stylianos Michelakis, Eliza Tsitoura, Izoldi Bouloukaki, Violeta Moniaki, Niki Malliaraki, Giorgos Papadogiannis, Stavroula Varda, Dimitrios Georgopoulos, Nikos Tzanakis, Sophia E. Schiza, Katerina Antoniou, Speaker to be confirmed

**The physical and psychological needs of patients with idiopathic pulmonary fibrosis**

Tim Sutherland, Paul Beirne, Ann Boardman, Alison Boland, Susie Gillon, Jane Slough, Speaker to be confirmed

**Health care system resource utilisation in patients with idiopathic pulmonary fibrosis**

Sarah Szardien, Boglarka Szentes, Sabine Witt, Eva Brunnemer, Larissa Schwarzkopf, Beate Schaufler, Felix Herth, Michael Kreuter, Speaker to be confirmed

**End-of-life care in in-patients dying from pulmonary fibrosis**

Beth Turnpenny, Jordan Sudworth, Alexander Gallagher, Jenny Wiseman, Abdul Ashish, Speaker to be confirmed

**Interims analysis of the EXCITING-ILD registry (registry for exploring clinical and epidemiological characteristics of interstitial lung diseases)**

Michael Kreuter, Felix J.F. Herth, Margarethe Wacker, Peter Hammerl, Conrad Wiederhold, Reiner Leidl, Andreas Hellmann, Michael Pfeifer, Jürgen Behr, Sabine Witt, Dagmar Kauschka, Marcus Mall, Andreas Günther, Philip Markart, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Orphan diseases (II)****Chairs :****Exacerbations of bronchiectasis: Etiology and outcome**

Besma Hamdi, Iness Moussa, Anissa Berraies, Ameni Touil, Jamel Ammar, Agnes Hamzaoui, Speaker to be confirmed

**Cryptogenic organizing pneumonia – Results of treatment with clarithromycin versus corticosteroids**

Elzbieta Radzikowska, Elzbieta Wiatr, Dariusz Gawryluk, Renata Langfort, Iwona Bestry, Piotr Rudzinski, Ewa Szczepulska-Wójcik, Kazimierz Roszkowski-Sliz, Speaker to be confirmed

**Usefulness of serum bird specific antibody levels in patients with interstitial pneumonia**

Ryo Itotani, Reina Takashima, Satoshi Marumo, Minoru Sakuramoto, Motonari Fukui, Speaker to be confirmed

**Sirolimus induced diffuse alveolar hemorrhage: A case report**

Baran Balcan, Ergun Simsek, Aylin Ozsancak Ugurlu, Ebru Demiralay, Sevgi Sahin, Speaker to be confirmed

**Inspiration plus: baseline characteristics of the canadian registry for IPF patients on pirfenidone**

Francois Sincholle, Martin Kolb, Helene Manganas, Rabea El Keeb, Marc Newton, Neerav Monga, Speaker to be confirmed

**Emphysematous changes in chronic hypersensitivity pneumonitis: A retrospective analysis of 12 patients**

Misbah Baqir, Jay H. Ryu, Speaker to be confirmed

**Chronic lung disease in two patients with new integrin  $\alpha 3$  gene mutations**

Andrea Farolfi, Giulia Cammi, Alessandra Zenga, Salvatore Zirpoli, Luigina Spaccini, Gian Vincenzo Zuccotti, Speaker to be confirmed

**Interstitial lung disease caused by filamin A gene mutations: Clinical course of three paediatric cases**

Julia Carlens, Timothy Price, Eva Bültmann, Florian Lämsger, Ulrike Hehr, Matthias Griese, Gesine Hansen, Nicolaus Schwerk, Speaker to be confirmed

**Severe lung injury due to chronic volatile hydrocarbon (VHC) inhalation in an adolescent**

Despina-Zoe Mermiri, Athina Papadopoulou, Efstratios Xristianakis, Christos Plataras, Marios Konstantinou, Gaitanakis Stelios, Theophanis Tsiligiannis, Speaker to be confirmed

**Pulmonary embolism (PE) in amiodarone-induced pulmonary toxicity (AILT)**

Galina P. Orlova, Valentina P. Zolotnitskaya, Aleksandra A. Speranskaya, Natalya S. Yakovleva, Speaker to be confirmed

**The relationship between nonalcoholic fatty liver disease and pulmonary function: KNHANES (Korean national health and nutrition examination survey 2008–2011)**

Shin young Kim, Kyung do Han, Hyoung Kyu Yoon, Sei Won Kim, Taijoon An, Speaker to be confirmed

**Idiopathic fibrosing alveolitis functional respiratory disorders in children**

Iulia Rodoman, Svetlana Sciuca, Aliona Cotoman, Rodica Selevestru, Liubov Neamtu, Speaker to be confirmed

**Effect of pirfenidone in patients with acute exacerbation of interstitial pneumonia**

Takuma Matsumura, Kenji Tsushima, Mitsuhiro Abe, Akana Matsumura, Kazutaka Yamagishi, Ichimura Yasunori, Jiro Terada, Yuji Tada, Seichirou Sakao, Koichiro Tatsumi, Speaker to be confirmed

**Treatment response in hypersensitivity pneumonitis**

Maria Laura Alberti, Francisco Paulin, Martin Eduardo Fernández, Fabián Martín Matías Caro, Speaker to be confirmed

**Rare association of organising pneumonia with pure red cell aplasia**

Shruthi Konda, Betty Cheung, Lola Loewenthal, Raminder Aul, Speaker to be confirmed

**Factors predicting resolution in nitrofurantoin-induced lung disease**

Andrew Creamer, Rezaur Abdullah, Ayesha Jameel, Sam Hare, Rama Vancheeswaran, Speaker to be confirmed

**Idiopathic plastic bronchitis and relapsing chylothorax**

Ina Haasler, Filiz Oezkan, Stephanie Werther, Kaid Darwiche, Helmut Teschler, Speaker to be confirmed

**Pirfenidone treatment in patients with bronchiolitis obliterans syndrome following allogeneic hematopoietic stem cell transplantation**

Katrin Esther Hostettler Haack, Jörg Halter, Michael Tamm, Speaker to be confirmed

**Computed tomography patterns in patients with cytotoxic drug-induced pulmonary toxicity**

Hiroki Umezawa, Yusuke Naito, Jiro Terada, Kenji Tsushima, Koichiro Tatsumi, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Screening, diagnosis, assessment and treatment of COPD in primary care**

Chairs :

**The economic burden of COPD in a Swedish cohort: The ARCTIC study**

Karin Lisspers, Kjell Larsson, Gunnar Johansson, Christer Janson, Madlaina Costa-Scharplatz, Jean-Bernard Gruenberger, Milica Uhde, Leif Jorgensen, Patrik Sobocki, Björn Ståhlberg, Speaker to be confirmed

**Clinical and economic factors associated with spirometry-diagnosed COPD in the Swedish ARCTIC study**

Gunnar Johansson, Kjell Larsson, Björn Ståhlberg, Karin Lisspers, Petter Olsson, Jean-Bernard Gruenberger, Leif Jorgensen, Patrik Sobocki, Christer Janson, Speaker to be confirmed

**Large ethnic differences in COPD prevalence – The role of smoking intensity**

Alexander Gilkes, Patrick T. White, Stevo Burbaba, Peter Schofield, Mark Ashworth, Rohini Mathur, Sally Hull, Speaker to be confirmed

**Medical and demographic loss of population due to chronic obstructive pulmonary disease**

Fedor Malykhin, Alesya Khripunova, Speaker to be confirmed

**Predicting risk of undiagnosed COPD in primary care: Development and validation of the TargetCOPD model**

Shamil Haroon, Peymane Adab, Richard Riley, David Fitzmaurice, Rachel Jordan, Speaker to be confirmed

**COPD-6 mini-spirometer: Feasible for early detection of COPD in general practice?**

Peter Kjeldgaard, Jesper Lykkegaard, Heidi Spillemoose, Charlotte Suppli Ulrik, Speaker to be confirmed

**"Don't get me wrong, I think case finding is okay" Exploring healthcare professionals' perspectives on target case-finding for COPD**

Taniya Sharmeen, Rachael Summers, Carla Astles, Kate Gillett, Kate Lippiett, Mark Stafford-Watson, Anne Bruton, Mike Thomas, Tom Wilkinson, Speaker to be confirmed

**Extent and impact of late vs early stage COPD diagnosis in the Swedish ARCTIC study**

Kjell Åke Larsson, Christer Janson, Björn Ståhlberg, Karin Lisspers, Petter Olsson, Konstantinos Kostikas, Milica Uhde, Leif Jorgensen, Patrik Sobocki, Gunnar Johansson, Speaker to be confirmed

**We provided patients with patient oriented diagnosis and treatment advice from their lung assessments using an algorithm. It was feasible and in general well appreciated by our patients**

Esther Metting, Joy van den Berg, Ellen van Heijst, Janwillem Kocks, Thys van der Molen, Speaker to be confirmed

**The importance of the caregivers' overload in COPD patients with several admission at our hospital. The other side of the story**

Ana Jaureguizar Oriol, Maria Alejandra Galarza Jiménez, Sagrario Mayoralas Alises, Salvador Díaz Lobato, Rosa Gómez García, Speaker to be confirmed

**Plain chest x-ray (CXR) in the diagnosis of chronic obstructive pulmonary disease (COPD)**

Elizabeth Pudney, Martin Doherty, Speaker to be confirmed

**Prevalence and characteristics of low oxygen saturation (SpO2) in a primary care COPD cohort**

Alexandra Enocson, Rachel Jordan, Peymane Adab, Andy Dickens, David Fitzmaurice, Speaker to be confirmed

**Use of spirometry in family practice in Canada; results of a nationwide survey**

Alan Kaplan, Suzanne Levitz, Speaker to be confirmed

**Spirometry is not enough to make clinical diagnosis of COPD**

Elena Andreeva, Marina Pokhaznikova, Anatoly Lebedev, Irina Moiseeva, Olga Kuznetsova, Jean-Marie Degryse, Speaker to be confirmed

**Comparison of modified medical research council scale and COPD assessment test in subjects with COPD**

Virginia Moya Alvarez, Cristina Navarro Jimenez, Elisa Mincholé Lapuente, Ana Boldova Loscertales, Jose María Trigo, Speaker to be confirmed

**The assessment of burden of COPD (ABC) tool: What counts most?**

Maureen Ruten-van Molken, Lucas Goossens, Bas Donkers, Elly Stolk, Marcel Jonker, Melinde Boland, Annerika Slok, Niels Chavannes, Huib Kerstjens, Thys Van der Molen, Guus Asijee, Richard Dekhuijzen, Sebastiaan Holverda, Philippe Salomé, Johannes In't Veen, Onno Van Schayck, Speaker to be confirmed

**Symptomatic assessment in COPD GOLD 2011 classification - mMRC/CAT agreement**

Daniela Rodrigues, Maria Antónia Galego, Ana Paula Vaz, Inês Neves, Joana Amado, Sílvia Correia, Speaker to be confirmed

**Improving valved holding chamber (VHC)-face mask fit and function, and patient acceptability**

Mark Sanders, Ronald Bruin, Speaker to be confirmed

**Critical steps: An evaluation of critical handling errors with DPI use in Greece**

Demosthenes Bouros, Mina Evangelidou, Speaker to be confirmed

**Incorrect inhaler technique is common in patients with COPD – Data from the TIE study**

Johanna Sulku, Marieann Höglman, Björn Ståhlberg, Andrei Malinovschi, Karin Lisspers, Elisabet Nielsen, Håkan Melhus, Hirsh Koyi, Margareta Hammarlund-Udenaes, On Behalf of the TIE-Study Group, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Targeting care, pulmonary rehabilitation, management and self-management of COPD exacerbations in primary care**

Chairs :

**ICS and risk of pneumonia in Swedish COPD patients: The ARCTIC study**

Christer Janson, Gunnar Johansson, Björn Ståhlberg, Karin Lisspers, Petter Olsson, Dorothy Keininger, Leif Jorgensen, Patrik Sobocki, Kjell Larsson, Speaker to be confirmed



**COPD guides and inhaled corticosteroids. Is there an adequate use in primary care?**

Sara-Anna Davies Daunas, Xavier Flor-Escriche, Sílvia Álvarez-Álvarez, Maria-Victòria Feijó, Roberto Rodríguez, Laia Lamarca-Fornell, Speaker to be confirmed

**Change in COPD cases having QoF reviews in KSS region, UK**

Jo Congleton, Julia Bott, Speaker to be confirmed

**A description of the management of patients with COPD in the primary care setting of Antwerp**

Glenn Leemans, Lisa Billion, Laura Timmerman, Charlotte Adriaensen, Benjamin Block, Kris Ides, Dirk Visser, Wilfried De Backer, Paul Van Royen, Speaker to be confirmed

**Is primary care review of COPD adequate?**

Ananna Rahman, Abigail Moore, Duncan Powrie, Speaker to be confirmed

**Predictive factors for exacerbation and re-exacerbation in COPD: Results from the Swiss COPD cohort**

Pascal Urwyler, N. Abu Hussein, P.-O. Bridevaux, P.N. Chhajed, T. Dieterle, J.W. Fitting, T. Geiser, L. Joos Zellweger, M. Kohler, S. Maier, D. Miedinger, U.M. Schuepbach-Siira, M. Tamm, R. Thurnheer, J.D. Leuppi, Speaker to be confirmed

**Clinical characteristics of patients with frequent COPD exacerbations in a Swiss multicenter COPD cohort study (TOPDOCS)**

Simona Henny, Thomas Dieterle, Thomas Brack, Martin Brutsche, Christian Clarenbach, Sarosh Irani, Martin Frey, Noriane Sievi, Robert Thurnheer, Malcom Kohler, Jörg Leuppi, Speaker to be confirmed

**Hazardous levels of PM2.5 (particulate matter less than 2.5 microns in mean aerodynamic diameter) are emitted during burning of individual fire crackers in India**

Sneha Limaye, Rohan Shah, Dhammasagar Ujagare, Jyoti Londhe, Sapna Madas, Sundeep Salvi, Speaker to be confirmed

**Self-management in COPD: How well are patients trained and what actions do they conduct in practice?**

Anja Frei, Tsung Yu, Gerben Ter Riet, Sarah Crook, Kaba Dalla Lana, Milo Puhan, Claudia Steurer-Stey, Speaker to be confirmed

**Using a mobile app to motivate exercise in persons with COPD: A mixed method study**

Ann-Britt Zakrisson, Terese Anerö, Gabriella Eliason, Anette Forsberg, Speaker to be confirmed

**Disease terminology: Communication gap between pulmonologists and patients**

Virendra Singh, Nirmal Kumar Jain, Nishtha Singh, Sheetu Singh, Speaker to be confirmed

**A longitudinal qualitative study of nurse-led telephone health coaching for COPD**

Amy Blakemore, Liz Baker, Manbinder Sidhu, Kate Jolly, Peter Coventry, Speaker to be confirmed

**The clinical and economic impact of the combined interventions of telehealth, specialist respiratory nursing care and health coaching interventions for COPD admissions within an urban setting**

Sudip Ghosh, Noel OKelly, Emma Jane Roberts, Chris Barker, Jim Swift, Speaker to be confirmed

**Exploring the impact of adding a respiratory dimension to the current EQ-5D descriptive system**

Martine Hoogendoorn, Mark Oppe, Elly Stolk, Melinde Boland, Lucas Goossens, Maureen Rutten-van Mölken, Speaker to be confirmed

**The relation between personality traits and health status of patients with COPD**

Harma Alma, Corina de Jong, Doede Joustra, Janwillem Kocks, Thys van der Molen, Speaker to be confirmed

**COPD medication adherence and quality of life**

Melinde Boland, Job van Boven, Annemarije Kruis, Niels Chavannes, Thys Van der Molen, Lucas Goossens, Maureen Rutten-van Mölken, Speaker to be confirmed

**Peak inspiratory flow evaluation in different stages' COPD patients using in-check method (INSPIRE STUDY)**

Eleftherios Zervas, Kalomoira Petrocheilou, Paschalina Tsopa, Mina Evangelidou, Aikaterini Athanassiou, Speaker to be confirmed

**Multidisciplinary rehabilitation in COPD**

Josefin Sundh, Helena Lindgren, Mikael Hasselgren, Scott Montgomery, Christer Janson, Björn Ståhlberg, Karin Lisspers, Speaker to be confirmed

**A qualitative study on the development of pulmonary rehabilitation for patients with chronic lung disease in Kampala, Uganda**

Jillian Pooler, Herbert Muyinda, Grace Nyakoojo, Richard Kasiita, Bruce Kirenga, Rupert Jones, Wincey Katagira, Speaker to be confirmed

**Lay health workers in pulmonary rehabilitation-recruitment and training of COPD patient volunteers**  
Gill Gilworth, Rachel Tuffnell, Lauren Hogg, Stephanie J.C. Taylor, Simon Lewin, Nicholas S. Hopkinson, Alison J. Wright, Patrick White, Speaker to be confirmed

12:50 - 14:40

## Thematic Poster: Airway response to infection

Chairs :

**What is the optimal sampling technique for assessing the microbiota with bronchoscopy?**

Rune Grønseth, Christine Drengenes, Øystein Svanes, Gunnar Husebø, Sverre Lehmann, Harald Wiker, Per Bakke, Ingvild Haaland, Yaxin Xue, Inge Jonassen, Eli Nordeide, Tomas Eagan, Speaker to be confirmed

**Influenza A virus causes vascular endothelial cell oxidative stress via NOX2 oxidase**

Keshia Hendricks, Eunice To, Ross Vlahos, Brad Broughton, Hitesh Peshavariya, Stavros Selemidis, Speaker to be confirmed

**Expression of X chromosome-linked TLR4 signalling molecules in female versus male neonatal cord blood**

David O'Driscoll, Paul McKiernan, Chiara de Santi, Victoria McEnaaney, Molloy Eleanor, Catherine Greene, Speaker to be confirmed

**Genome-wide chromatin profiling of legionella pneumophila-infected human macrophages reveals activation of the pro-bacterial host factor TNFAIP2**

Ilona DuBois, Annalisa Marsico, Wilhelm Bertrams, Michal Schweiger, Brian Caffrey, Alexandra Sittka-Stark, Martin Eberhardt, Julio Vera, Martin Vingron, Bernd Schmeck, Speaker to be confirmed

**Human eosinophil toll-like receptor 7-induced nitric oxide is antiviral against parainfluenza**

Matthew Drake, Becky Proskocil, Zhenying Nie, Fryer Allison, Jacoby David, Speaker to be confirmed

**A.fumigatus and the bronchial epithelium - A permissive relationship?**

Gemma Hayes, Nicola Overton, Sara Gago, David Denning, Paul Bowyer, Speaker to be confirmed

**A new model for analysis of chronic bronchial interleukin-8 expression**

Rosemary J. Boyton, Kathryn Quigley, Catherine Reynolds, Michael Poidinger, Daniel Altmann, Rosemary Boyton, Speaker to be confirmed

**Differentiation of macrophages with cigarette smoke extract alters bacterial phagocytosis**

Adam Loveridge, Peter Barnes, Louise Donnelly, Speaker to be confirmed

**Colony stimulating factors cannot correct defective phagocytosis in COPD lung tissue macrophages**

Jessica Tilman, Peter Barnes, Louise Donnelly, Speaker to be confirmed

**Interactions of BPIFA1 and BPIFB1 with S. aureus**

Chloe Marshall, Lynne Bingle, Colin Bingle, Speaker to be confirmed

**Cytokine production of leukocytes in response to respiratory syncytial virus is suppressed by cigarette smoking and in COPD**

Sarah Yanik, Max Liedtke, Marleen Zickfeld, David Jungck, Thomas Grunwald, Matthias Tenbusch, Andrea Koch, Jürgen Knobloch, Speaker to be confirmed

**Alveolar macrophage in protracted bacterial bronchitis**

Alice Chen, Olga Pena, Hanno Nel, Susan Pizzuto, Helen Petsky, Samantha Gardiner, Stephanie Yerkovich, Katie Baines, Peter Gibson, Greg Hodge, Sandra Hodge, Helen Buntain, Anne Chang, John Upham, Speaker to be confirmed

**Differential effects of budesonide and fluticasone propionate on bacterial recognition receptors in COPD macrophages**

Karin Provost, Miyuki Smith, Anna Miller-Larsson, Gregory Gudleski, Sanjay Sethi, Speaker to be confirmed

**Upregulation of CCL5 production in the airway epithelium at the time of the viral infection**

Mitsuru Sada, Masato Watanabe, Toshiya Inui, Keitaro Nakamoto, Masuo Nakamura, Hirotaka Matsuzaki, Yasuhiro Yamauchi, Hajime Takizawa, Speaker to be confirmed

**Assesment of the effects of tocilizumab, adalimumab and steroid in LPS induced acute lung inflammation**

Nurhan Sarioglu, Fatma Bahar Sunay, Oguzhan Korkut, Fuat Erel, Adnan Adil Hismiogullari, Mehmet Köse, Speaker to be confirmed

**Identification of novel pathogenic mechanisms triggered by arginase activation in patients with COPD**

Marcel José Rodríguez Guzman, Felipe Villar Álvarez, Cristina Serrano del Castillo, Miguel Ángel Palomero Rodríguez, Yolanda Laporta Báez, Germán Peces-Barba Romero, Speaker to be confirmed

**Relationship of blood eosinophil count to exacerbations in COPD**

Trung Tran, Michael Schatz, Wansu Chen, Ekaterina Sadikova, Qiaowu Li, Aniket A. Kawatkar, Deepak Khatri, Ubaldo Martin, Robert S. Zeiger, Speaker to be confirmed

**microRNAs constitute a negative feedback loop in streptococcus pneumoniae induced macrophage activation**

Kathrin Griss, Wilhelm Bertrams, Alexandra Sittka-Stark, Kerstin Seidel, Christina Stielow, Stefan Hippenstiel, Norbert Suttorp, Martin Eberhardt, Jochen Wilhelm, Julio Vera, Bernd Schmeck, Speaker to be confirmed

**Laboratory contamination in airway microbiome studies**

Christine Drengenes, Tomas Eagan, Harald Wiker, Ingvild Haaland, Eli Nordeide, Øistein Svanes, Gunnar Husebø, Sverre Lehmann, Per Bakke, Rune Grønseth, Speaker to be confirmed

**D-tryptophan is a probiotic substance influencing the gut microbiome and in vitro Th2 differentiation**

Sabine Bartel, Gregor Jatzlauk, Inge Kepert, Juliano Fonseca, Constanze Müller, Katrin Milger, Kerstin Hochwind, Matea Kostric, Oliver Eickelberg, Michael Schloter, Anton Hartmann, Philipp Schmitt-Kopplin, Susanne Krauss-Etschmann, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Studies in airway cell biology**

Chairs :

**Regulation of actin dynamics by WNT-5A: Implications for human airway smooth muscle contraction**

Tim Koopmans, Kuldeep Kumawat, Andrew Halayko, Reinoud Gosens, Speaker to be confirmed

**ASM behaviour following heating to a range of different temperatures**

Ruth Saunders, Gavin Morris, Igor Chernyavsky, Rod Smallwood, Felicity Rose, Bindi Brook, Christopher Brightling, Speaker to be confirmed

**Glucocorticoid-induced transcriptional regulators in human airway cells and airways**

Mahmoud Mostafa, Rider Christopher, Leigh Richard, Robert Newton, Speaker to be confirmed

**Effect of oxidative stress and rhinovirus infection on mitochondrial/endoplasmic reticular function in human primary bronchial epithelial cells**

Peter Wark, Prabuddha Pathinyake, Alan Hsu, Kristy Parsons, Lisa Wood, Speaker to be confirmed

**Effects of beclomethasone and carbocysteine in histone acetylation/deacetylation processes of bronchial epithelial cells exposed to cigarette smoke**

Elisabetta Pace, Serena Di Vincenzo, Maria Ferraro, Liboria Siena, Luigi Lanata, Federico Saibene, Mark Gjomarkaj, Speaker to be confirmed

**Comprehensive toll-like receptor stimulation and cytokine analysis in precision-cut lung slices**

Marco Schlepütz, Elisabeth Waldmann, Cara Williams, Kirsten Arndt, Speaker to be confirmed

**IgA expression in peribronchial and lung follicular B cells from COPD patients**

Maha Zohra Ladjemi, Marylène Lecocq, Chantal Fregimilicka, Caroline Bouzin, Monique Delos, Bruno Detry, Charles Pilette, Speaker to be confirmed

**Transcriptome analysis of the human airway epithelium during in vitro differentiation**

Andrea Schamberger, Fien Verhamme, Michael Lindner, Jürgen Behr, Oliver Eickelberg, Speaker to be confirmed

**Pulmonary epithelial barrier formation on biodegradable poly-L-lactic-acid (PLLA) membrane**

Salvatore Montesanto, Franco Conforti, Natalie Smithers, Fabio Bucchieri, Valerio Brucato, Vincenzo La Carrubba, Donna Davies, Speaker to be confirmed

**Cigarette smoke alters the EZH2/DAB2IP expression in bronchial epithelial cells. A risk factor for lung cancer in COPD patients**

Giulia Anzalone, Giuseppe Arcoleo, Angela Marina Montalbano, Rosalia Gagliardo, Fabio Bucchieri, Roberto Marchese, Caterina Di Sano, Loredana Riccobono, Liboria Siena, Giusy Daniela Albano, Mark Gjomarkaj, Anna Bonanno, Mirella Profita, Speaker to be confirmed

**Heparin effect in pulmonary cell populations in an in-vitro model of acute lung injury**

Marta Camprubí -Rimblas, Raquel Guillamat-Prats, Thomas Leboviev, Laura Chimenti, Manuela Iglesias, Carme Obiols, Jessica Tijero, Maria Nieves Gómez, Candelaria de Haro, Lluís Blanch, Antonio Artigas, Speaker to be confirmed

**The activation of transient receptor potential melastatin 8 (TRPM8) receptors of bronchial epithelial cells induces airway inflammation in bronchial asthma**

Dae Young Cheon, Joo-Hee Kim, Young-Suk Jang, Yong Il Hwang, Sunghoon Park, Dong-Gyu Kim, Seung-Hun Jang, Ki-Suck Jung, Speaker to be confirmed

**Decreased PTEN amplifies PI3K signaling and enhances pro-inflammatory cytokine release in COPD**

Satoru Yanagiasawa, Chaitanya Vuppasetty, Kazuhiro Ito, Peter J. Barnes, Speaker to be confirmed

**Priming airway epithelial cells with transforming growth factor-beta recapitulates the biophysical properties of asthmatic cells**

Jennifer Mitchel, Jacob Notbohm, James Butler, Jeffrey Fredberg, Jin-Ah Park, Speaker to be confirmed

**Mitochondrial antioxidants decrease oxidative stress and inflammation induced bronchial epithelial cell line**

Weerawon Thangboonjit, Peter Barnes, Andrew Durham, Ian Adcock, Speaker to be confirmed

**Suppression of IFN-gamma-induced chemokines from bronchial epithelial cells by mycobacterium tuberculosis**

Tetsuya Homma, Yosuke Fukuda, Hitomi Furukawa, Shintaro Suzuki, Hironori Sagara, Speaker to be confirmed

**N-acetyl cysteine (NAC) intervention attenuates the effects of diesel and biodiesel emission exposure on human bronchial epithelial cells, 16HBE, at air-liquid interface**

Annalicia Vaughan, Svetlana Stevanovic, Mostafizur Rahman, Ali Zare, Branka Miljevic, Zoran Ristovski, Rayleen Bowman, Kwun Fong, Ian Yang, Speaker to be confirmed

**Automated time-lapse analysis of ciliary function**

Claire Jackson, Elizabeth C. Adam, David A. Johnston, Jane S. Lucas, Peter M. Lackie, Speaker to be confirmed

**LSC Abstract – Alpha8 integrin deficiency alters branching morphogenesis and alveolarization during mouse lung development**

Tiziana Patrizia Cremona, Johannes Schittny, Speaker to be confirmed

**Effect of corticosteroids on epithelial cell response to non-typeable haemophilus influenzae**

Jennifer Cane, Mona Bafadhel, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: New signaling pathways in COPD**

Chairs :

**LSC Abstract – Multi-level differential network analysis of COPD exacerbations**

Guillaume Noell, Borja García-Cosío, Rosa Faner Canet, Teresa Caseras, Ignacio Coca, Eduard Monsó, German Peces-Barba, Alfredo de Diego, Cristobal Esteban, Joaquim Gea, Susana G. Kalko, Àlvar Agustí García-Navarro, Speaker to be confirmed

**LSC Abstract – Association of single nucleotide polymorphisms located in miRNA binding sites with lung function**

Elise De Smet, Mohsen Ghanbari, Lies Lahousse, Oscar Franco, Abbas Dehghan, Albert Hofman, Ken Bracke, Guy Brusselle, Speaker to be confirmed

**Lung function decline in COPD in relation to MMP-12 and surfactant protein A**

Annelie Behndig, Robert Linder, Jamshid Pourazar, Anne Lindberg, Anders Blomberg, Speaker to be confirmed

**Myeloid derived suppressor cell-like fibrocytes are increased and associated with preserved lung function in COPD**

Adam Wright, Chris Newby, Ruth Hartley, Vijay Mistry, Sumit Gupta, Rachid Berair, Katy Roach, Ruth Saunders, Tracy Thornton, Maria Shelley, Karen Edwards, Bethan Barker, Chris Brightling, Speaker to be confirmed

**High fructose intake increases alveolar enlargement and muscle inflammation in mice exposed to cigarette smoke**

Camila Suehiro, Alessandra Toledo-Arruda, Francine Almeida, Clarice Olivo, Manoel Oliveira Jr, Adilson Sousa, Rodolfo Vieira, Milton Martins, Chin Lin, Speaker to be confirmed

**Age-dependent systemic elastin degradation is enhanced in chronic obstructive pulmonary disease**

Jeffrey T.-J. Huang, Charlotte E. Bolton, Bruce E. Miller, Ruth M. Tal-Singer, Roberto Robinovich, Colin Palmer, Neil Thomson, William MacNee, Speaker to be confirmed

**Bronchial epithelial gene expression of NOX isoforms are related to important clinical characteristics in COPD**

Richard Russell, Fay Hollins, María Soler Artigas, Anna Esteve-Codino, Gian Andri Thun, Chris Newby, Louise V. Wain, Martin D. Tobin, Simon Heath, Ivo Gut, Deepak Subramanian, Sumit Gupta, David Parr, Dave Singh, Loems Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

**Galectin-9 attenuates elastase-induced emphysema by reducing neutrophil chemotaxis in mice**

Yuko Horio, Keisuke Kojima, Naoki Saita, Yohei Migiyama, Aiko Masunaga, Hidenori Ichiyasu, Kazuhiko Fujii, Hirotsugu Kohrogi, Speaker to be confirmed

**Non-canonical WNT-5A signaling attenuates endogenous lung repair in COPD**

Hoeke Baarsma, Wioletta Skronska-Wasek, Kathrin Mutze, Florian Ciolek, Gerrit John-Schuster, Ron Smits, Ali Önder Yildirim, Melanie Königshoff, Speaker to be confirmed

**The effects of endogenous and exogenous vitamin D on the rate of mature elastin degradation in COPD patients**

Rob Janssen, Ruben Zaal, Michiel Spanbroek, Jody van den Ouweland, Pieter Zanen, Richard Dekhuijzen, Wim Janssens, Speaker to be confirmed

**Evidence of renal and pulmonary endothelial dysfunction in chronic obstructive pulmonary disease (COPD)**

Francesca Polverino, Maria Laucho-Contreras, Vanesa Bijol, Victor Pinto-Plata, Miguel Divo, Mary Choi, Lynette Sholl, Hans Petersen, Johannes Tesfaigzi, Bartolome Celli, Caroline Owen, Speaker to be confirmed

**Preclinical studies of mesenchymal stem cell (MSC) transplantation in chronic obstructive pulmonary disease (COPD): A systematic review and meta-analysis**

Hui jung Kim, Xiangde Liu, Speaker to be confirmed

**Increased uptake of haemophilus influenzae by primary airway epithelial cells from COPD patients**

Peter Fenwick, Peter J. Barnes, Louise Donnelly, Speaker to be confirmed

**The novel compound Sul-121 inhibits inflammation in experimental models of chronic obstructive pulmonary disease**

Martina Schmidt, Bing Han, Harm Maarsingh, Speaker to be confirmed

**Hyaluronic acid as a novel systemic biomarker to predict progression and severity in chronic obstructive pulmonary disease**

Eleni Papakonstantinou, Ioannis Bonovolias, George Karakioulakis, Michael Roth, Michael Tamm, Lucas Boeck, Andreas Scherr, Janko Rakic, Renaud Louis, Branislava Milenkovic, Wim Boersma, Konstantinos Kostikas, Francesco Blasi, Joachim Aerts, Gernot Rohde, Alicia Lacom, Antoni Torres, Tobias Welte, Daiana Stolz, Speaker to be confirmed

**Cryptotanshinone attenuates airway Inflammation induced by cigarette smoke in mice**

Yanqiu Wu, Yongchun Shen, Xue Zhang, Hao Wang, Fuqiang Wen, Speaker to be confirmed

**The role of monoterpenes derived from essential oils in lung alteration in a model of emphysema**

Ellen Pereira, Marina Guerreiro, Fernanda Santana, Nathalia Pinheiro, Tabata Capello, Fernanda Lopes, Clarice Olivo, Iolanda Tibério, Milton Martins, João Lago, Carla Prado, Speaker to be confirmed

**Effect of mast cells degranulation blockade on the inflammatory response outcome in the COPD model**

Elena S. Lebedeva, Natalija A. Kuzubova, Olga N. Titova, Ivetta V. Dvorakovskaya, Elena A. Surkova, Speaker to be confirmed

**Targeting the mTOR signaling pathway to inhibit lung cell senescence in COPD**

Amal Houssaini, Kanny Kebe, Marielle Breau, Elisabeth Marcos, Shariq Abid, Dominique Rideau, Jin Huang, Aya Attwe, Emilie Bizard, Pierre Validire, Bernard Maitre, Valerie Amsellem, Silke Meiners, Serge Adnot, Speaker to be confirmed

**LSC Abstract – microRNA profiling reveals a role for microRNA-218-5p in the pathogenesis of chronic obstructive pulmonary disease**

Griet Conicx, Pieter Mestdagh, Francisco Avila Cobos, Fien Verhamme, Tania Maes, Bart Vanaudenaerde, Lies Lahousse, Guy Joos, Jo Vandesompele, Ken Bracke, Guy Brusselle, Speaker to be confirmed

12:50 - 14:40

Thematic Poster: Common mechanisms in lung development and fibrosis

Chairs :

**A role for the accessory type III transforming growth factor receptor (Tgfr3) in lung alveolarisation**  
Agnieszka Pozarska, Gero Niess, Werner Seeger, Rory Morty, Speaker to be confirmed

**Refinement of the hyperoxia-based experimental mouse model of bronchopulmonary dysplasia**  
Claudio Nardiello, Ivana Mizíková, Jordi Ruiz-Camp, Werner Seeger, Rory Morty, Speaker to be confirmed

**Optimising the delivery of antagomiRs to the neonatal mouse lung**  
Jonas Höning, Ivana Mizíková, Claudio Nardiello, Werner Seeger, Rory Morty, Speaker to be confirmed

**Assessing the impact of parenteral caffeine administration on experimental bronchopulmonary dysplasia**  
Philipp Rath, Claudio Nardiello, David Surate, Werner Seeger, Rory Morty, Speaker to be confirmed

**Generation of an immortalized functional alveolar epithelial cell line originating from human induced pluripotent stem cells**  
Luca Tamo, Youssef Hibaoui, Sampada Kallol, Marco Alves, Christiane Albrecht, Anis Feki, Amiq Gazdhar, Thomas Geiser, Speaker to be confirmed

**LSC Abstract – Activation of FGF9 and 18 in idiopathic pulmonary fibrosis promote survival and migration and inhibit myofibroblast differentiation of human lung fibroblasts**  
Audrey Joannes, Madeleine Jaillet, Arnaud Mailleux, Bruno Crestani, Speaker to be confirmed

**Therapeutic efficacy of a novel LPA1 receptor antagonist, UD-009, in a bleomycin-induced pulmonary fibrosis model**  
Kenji Nishikawa, Eiji Okanari, Yuuko Shinohara, Hironobu Matsunaga, Hiroshi Nishida, Noriaki Iwase, Shigeru Ushiyama, Speaker to be confirmed

**Fibroblast growth factor 9 (FGF9) modulates mesothelial cells plasticity to decrease differentiation and migration in vitro**  
Audrey Joannes, Aurélien Justet, Philippe Bonniaud, Jean Michel Sallenave, Bruno Crestani, Arnaud Mailleux, Speaker to be confirmed

**MiRNA-200b inhibits epithelial-mesenchymal transition in TGF- $\beta$ 1 induced human bronchial epithelial cells**  
Shameem Sultanali Ladak, Chris Ward, Simi Ali, Speaker to be confirmed

**Inhibition of collagen cross-links by novel LOXL2 selective inhibitors in an in-vitro model of fibroblastic foci of IPF**  
James Roberts, Kerry Lunn, Victoria Tear, Mark Jones, Donna Davies, Lucy Cao, Wolfgang Jarolimek, Phillip Monk, Speaker to be confirmed

**The effects of tobramycin on pulmonary fibroblast function**  
Suzanne Edgar, David Laight, Janis Shute, Speaker to be confirmed

**Human airway trypsin-like protease: Friend or foe in idiopathic pulmonary fibrosis?**  
Awen Menou, Sophie Moog, Bruno Crestani, Keren Borenstajn, Speaker to be confirmed

**Increased levels of oxidative stress markers in patients with idiopathic pulmonary fibrosis**  
Kenji Nemoto, Shuji Oh-ishi, Manato Taguchi, Shunichi Nishima, Norihito Hida, Kazufumi Yoshida, Kai Yazaki, Kentaro Hyodo, Jun Kanazawa, Miura Yukiko, Takio Takaku, Kenji Hayashihara, Takefumi Saito, Speaker to be confirmed

**Evaluation of romidepsin (FK228) as a potential therapy for idiopathic pulmonary fibrosis (IPF)**  
Franco Conforti, Elizabeth Davies, Mark Jones, Claire Calderwood, Aiman Alzetani, Paul Skipp, Jane Warner, Philip Molyneaux, David Smart, Teresa Tetley, Tom Havelock, Toby Maher, Thomas Thatcher, Summet Mahajan, Benjamin Marshall, Luca Richeldi, Patricia Sime, Katherine O'Reilly, Donna Davies, Speaker to be confirmed

**Prostacyclin and VEGF in the rejection process after lung transplantation – A possible biomarker**  
Annika Andersson Sjolund, Anna-Karin Larsson Callerfelt, Lena Thiman, Oskar Hallgren, Ingrid Skog, Lennart Hansson, Leif Eriksson, Leif Bjermer, Gunilla Westergren-Thorsson, Speaker to be confirmed

**Specialized-proresolving mediators and transcriptomic signatures in bleomycin-induced lung fibrosis**  
Marc Dubourdeau, Gerald Chene, Vincent Baillif, Charlotte Guigne, Estelle Wanecq, Emeline Van Goethem, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Functional assessment of the airways**

Chairs :

**Airway resistances deteriorate following spirometry in asthma and COPD patients**

Natalia Fabbri, Paolo Paredi, Meah Sally, Biddiscombe Martyn, Omar Usmani, Speaker to be confirmed

**Prevalence of small airway dysfunction among GOLD stages in COPD patients**

Ernesto Crisafulli, Roberta Pisi, Marina Aiello, Anna Torres, Davide Feci, Giuseppina Bertorelli, Alfredo Chetta, Speaker to be confirmed

**Poor perception of bronchoconstriction and hyperinflation and risk of acute asthma exacerbations: A data linkage analysis**

M. Diane Loughheed, Linda Levesque, Sean O' Loughlen, Thomas Fisher, Yvonne DeWitt, Teresa To, Speaker to be confirmed

**Positive bronchodilator response is a poor predictor of future risk in well controlled asthma patients**

Luis Pérez de Llano, Francisco Carballada, Juan Luis García-Rivero, Isabel Urrutia, Eva Martínez-Moragón, Marina Blanco, Jacinto Ramos, Maria Carmen Vennera, Vicente Plaza, Pilar Cebollero, María Merino, Speaker to be confirmed

**Lung clearance index in alpha-1-antitrypsin deficiency - A follow up**

Susanne Fuchs, Matthias Griese, Doris Staab, Klaus Pittschieler, Frank Ahrens, Ernst Rietschel, Nicolaus Schwerk, Wolfgang Gleiber, Winfried Baden, Thomas Köhnelein, Robert Bals, Monika Gappa, Speaker to be confirmed

**Lung function measurements in mouse models of lung disease: What to expect from FEV<sub>0.1</sub>?**

Jeroen Vanoirbeek, Fien Devos, André Maaske, Carolina Aznar Lopez, Lore Pollaris, Rik Lories, Matthias Tenbusch, Benoit Nemery, Peter Hoet, Speaker to be confirmed

**Evaluating airway resistance changes by body plethysmography in methacholine challenge test**

Mehrnaz Asadi Ghrabaghi, Azam Sattari, Hamidreza Abtahi, Soheil Peiman, Shahideh Amini, Speaker to be confirmed

**Contribution of respiratory resistance variability measured by forced oscillation technique (FOT) to assess the likelihood of asthma diagnosis**

Laura Maugeri, Alessandro Gobbi, Enrico Mellano, Marco Guglielmo, Stefano Pizzimenti, Giovanni Rolla, Raffaele Dellacà, Carlo Gulotta, Speaker to be confirmed

**Spirometric and structured light plethysmography derived measures of airflow obstruction in asthma**

Hamzah Hmeidi, Ed Chadwick, Warren Lenney, Fran Gilchrist, Shayan Motamedi, Rachel Wilson, Richard Iles, John Alexander, Speaker to be confirmed

**Comparison of regression models for developing spirometric reference values**

Mei Jiang, Yi Gao, Yanqing Xie, Jinping Zheng, Weiqing Chen, Speaker to be confirmed

**Resistive work of breathing (sWOB) as target parameter evaluating methacholine challenge to assess airway hyperreactivity (AHR) in comparison to other lung function parameters**

Richard Kraemer, Jörg Salomon, Magdalen Gürtler, Stefan Minder, Speaker to be confirmed

**Deep inhalation induces bronchodilation in current smokers**

Paolo Paredi, Martyn Biddiscombe, Molly Dasaolu, Thomas Schuessler, Natalia Fabbri, Omar Usmani, Speaker to be confirmed

**Lung function tests in patients with primary ciliary dyskinesia**

Nagehan Emiralioglu, Esad Ulker, Gokcen Tugcu, Ebru Yalcin, Deniz Dogru, Nural Kiper, Ugur Ozcelik, Speaker to be confirmed

**Postbronchodilator response of small airways after 800 microgrammes of salbutamol in COPD patients**

Bilun Gemicioglu, Sule Gundogdu, Buket Caliskaner Ozturk, Fatma Eren, Speaker to be confirmed

**Bronchodilator response of advanced lung function parameters depending on COPD severity**

Linnea Jarenbäck, Göran Eriksson, Stefan Peterson, Jaro Ankerst, Leif Bjermer, Ellen Tufvesson, Speaker to be confirmed

**Role of vitamin D supplementation in lung function testing and exercise capacity**

Ravi Shekhar Jha, Speaker to be confirmed

**SBW and FOT in healthy and asthmatics pre and post bronchial challenge**

Chiara Veneroni, Andrei Malinowski, Alain Van Muylem, Alain Michils, Raffaele L. Dellacà, Speaker to be confirmed

**FEF<sub>25-75</sub> a surrogate marker for mild intermittent asthma: A poor man's FeNO**

Tarang Kulkarni, Shyam Krishnan, Alope Gopal Ghosal, Raja Dhar, Speaker to be confirmed

**Feasibility of impulse oscilometry in evaluation of lung function tests in asthmatic children**

Esra Toprak Kabnik, Ozge Yilmaz, Yurda Simsek, Hasan Yuksel, Speaker to be confirmed

**Longitudinal changes of respiratory impedance-based phenotypes in COPD**

Ruriko Yukimura, Emiko Ogawa, Yasushi Ryujin, Tho Nguyen Van, Yuichi Higami, Kenichi Goto, Hiroaki Nakagawa, Kentaro Fukunaga, Masafumi Yamaguchi, Taishi Nagao, Yasutaka Nakano, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Monitoring co-morbidities**

Chairs :

**Role of comorbidities in stable COPD patients mortality**

Aurelio V. Arnedillo Muñoz, Jose Luis Lopez-Campos, Inmaculada Alfageme Michavilla, Francisco Casas Maldonado, Pilar Cordero Montero, Speaker to be confirmed

**Factors determining the presence of osteoporosis in active and former smokers**

Pilar Rivera Ortega, Jessica González, Iñaki Gutiérrez, Patricia Restituto, Nerea Varo, Inmaculada Colina, Amparo Calleja, Macarena Rodríguez, Gorka Bastarrika, Ana B. Alcaide, Arantza Campo, Javier J. Zulueta, Juan P. de Torres, Speaker to be confirmed

**Bronchoalveolar lavage fluid leukotrienes in the pathomechanism of acute inflammatory events in lung transplant recipients**

András Bikov, Orsolya Gall, Zoltan Sutto, Aniko Bohacs, Eszter Csiszer, Gyorgy Losonczy, Veronika Muller, Speaker to be confirmed

**Evaluation of nutritional status, disease severity and anxiety/depression in COPD patients with different exercise capacity**

Zinka Matkovic, Danijel Cvetko, Dario Rahelic, Cristina Esquinas Lopez, Neven Tudoric, Marc Miravittles, Speaker to be confirmed

**The clinical significance and frequency of bronchiectasis in COPD patients**

Baris Seker, Celal Satici, Burcu Arpinar Yigitbas, Sibel Yurt, Berat Uslu, Ayse Filiz Arpacag Kosar, Speaker to be confirmed

**Performance of early warning score and CURB-65 in predicting severe outcome in community-acquired pneumonia**

Stine Andersen, Gertrud Baunbæk-Knudsen, Andreas Vestergaard Jensen, Pelle Trier Petersen, Gernot Rohde, Pernille Ravn, Speaker to be confirmed

**Cardiovascular risk, subclinical atherosclerosis and markers of systemic inflammation in patients with COPD and frequent exacerbator phenotype**

Adolfo Domenech Del Río, Ana Muñoz Montiel, Patricia Gutierrez Castaño, Natalia Garcia Casares, Miguel Angel Sanchez Chaparro, Jose Luis De La Cruz Ríos, Pedro Valdivieso Felices, Speaker to be confirmed

**Association between cardio-ankle vascular index (CAVI) and chronic airway obstruction in asthma**

Suguru Sato, Junpei Saito, Atsuro Fukuhara, Manabu Uematsu, Yasuhito Suzuki, Ryuichi Togawa, Yuki Sato, Kenichi Misa, Takefumi Nikaido, Naoko Fukuhara, Xintao Wang, Yoshinori Tanino, Mitsuru Munakata, Speaker to be confirmed

**The bronchiectasis severity index (BSI) and FACED score for assessment the severity of bronchiectasis**

José Eduardo Coutinho Costa, João Pedro Neiva Machado, Catarina Ferreira, Jorge Gama, Cidalia Rodrigues, Speaker to be confirmed

**Renal impairment a neglected comorbidity in patients with COPD**

Mohit Bhatia, J.K. Samaria, Shubham Agarwal, Pradeep Nirala, Speaker to be confirmed

**Structured light plethysmography measures asynchronous breathing patterns in patients with acute stroke**

Afroditi Kouzouna, Christine Roffe, Nick Watson, John Alexander, Francis Gilchrist, Warren Lenney, Anand Pandyan, Speaker to be confirmed

**Impact of disease severity and comorbidities on length of stay (LOS) in COPD**

James Rushton, Ian Evans, Samantha Carr, Claire Mathews, Wendy Morgan, Steven Dean, Carlton Chisambara, Naveed Mustafa, Helen Stone, Imran Hussain, Speaker to be confirmed

**Clinical and epidemiological assessment of the regional program of vaccination for pneumococcal infections**

Victor Kolosov, Leonid Manakov, Olga Kurganova, Juliy Perelman, Speaker to be confirmed



**Alternate overlap syndrome: Association of asthma with obstructive sleep apnea**

Narendra Umashankar, K.C. Agarwal, Gopal Purohit, C.R. Choudhary, Sunil Vyas, Deepak Ug, Srikant Agarwal, Isha Garg, Speaker to be confirmed

**Clinical Impact of Gensini score in chronic obstructive pulmonary disease (COPD)**

Joo Hun Park, Keu Sung Lee, Wou Young Chung, Seungsoo Sheen, Jung Yeon Lee, Hong-Seok Lim, Joon-Han Shin, Seung-Jea Tahk, Speaker to be confirmed

**The development of translated, cross-cultural patient-reported outcome measures for patients with primary ciliary dyskinesia**

Laura Behan, Alexandra L. Quittner, Audrey Dunn Galvin, Claudia E. Kuehni, Elisabeth Maurer, Anu Jose, Eric G. Haarman, Tamara Paff, N.W.P. Rutjes, Claudius Werner, Anika Lofruchte, Christine Edelbusch, Lea Heisch, Helene Elgaard Kobbernagel, Maria Philipsen, Bridget Contreras, Panayiotis Yiallourous, Panayiotis Kouis, Konstantinos Giannakou, Aristoula Toliopoulou, Guillaume Thouvenin, Aline Tamalet, Claire O'Neill, Jane S. Lucas, Speaker to be confirmed

**French translation and linguistic validation of the QOL-PCD, a quality of life questionnaire for patients with primary ciliary dyskinesia**

Claire O'Neill, Guillaume Thouvenin, Laura Behan, Delphine Habouria, Harriet Corvol, Annick Clement, Jane S. Lucas, Aline Tamalet, Speaker to be confirmed

**Multi-modality correlation of disease in patients with chronic rhino-sinusitis (CRS) undergoing surgery**

Rajeev Advani, Neil Killick, Nicola Stobbs, Baskaran Ranganathan, Nirmal Kumar, Speaker to be confirmed

**Impact of respiratory speech and language therapy on symptoms in vocal cord dysfunction**

Jemma Haines, Claire Slinger, Aashish Vyas, Stephen J. Fowler, Speaker to be confirmed

**Should pseudomonas aeruginosa be the main target in bronchiectasis?**

Fatma Isil Uzel, Sedat Altin, Seyma Özgenç, Derya Hirçin, Çengeller, Esin Tuncay, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Phenotyping and monitoring airway diseases****Chairs :****X-Tab: Non-interventional study to assess patient-related mid-term outcomes of omalizumab therapy in severe allergic asthmatic patients**

Jens Schreiber, Kristin Garg, Claudia Mailaender, Speaker to be confirmed

**Respiratory outcomes in young adults following extremely preterm birth**

Joanne Beckmann, Kate Bennett, Charlotte Bolton, Neil Marlow, John Hurst, Speaker to be confirmed

**Clinical features of chronic obstructive pulmonary disease in never smokers**

Shin young Kim, Hyoung Kyu Yoon, Tai joon An, Chan kwon Park, Sei Won Kim, Speaker to be confirmed

**Risk for adverse outcomes in asthma: Assess to impress!**

Lilia Maia Santos, Cláudia Chaves Loureiro, Speaker to be confirmed

**Predictors of lung function deterioration in COPD**

Rossella D'Amato, Juan Marco Figueira Gonçalves, Ignacio García Talavera, Speaker to be confirmed

**Variability of total serum IgE in moderate-to-severe asthmatic patients**

Renaud Louis, Charles Pilette, Olivier Michel, Alain Michils, Guy Brusselle, Lieven Dupont, Antoine Poskin, Jan Van Schoor, Stefaan Vancayzeele, Sandra Gurdain, Speaker to be confirmed

**Differences of disease phenotypes in individuals with alpha-1-antitrypsin deficiency with genotypes PiZZ and PiSZ - Analysis from the German registry**

Sebastian Fährndrich, Nikolas Bernhard, Philipp M. Lepper, Claus Vogelmeier, Robert Bals, Speaker to be confirmed

**Clinical, functional and inflammatory characteristics in patients with paucigranulocytic asthma**

Polyxeni Ntontsi, Stelios Loukides, Petros Bakakos, Konstantinos Kostikas, Georgios Papatheodorou, Evgenia Ppathanassiou, Anastasia Papaporfyriou, Elissavet Konstantellou, Hillas Georgios, Nikolaos Koulouris, Spyridon Papis, Andriana Papaioannou, Speaker to be confirmed

**Heterogeneity of group D in the new GOLD classification of COPD**

Richa Mittal, Sunil Chhabra, Speaker to be confirmed

**Significance of quantitative radiological phenotypes of COPD on BODE index**

Avinash Jain, S.K. Agrawal, Speaker to be confirmed

**Expression of nasal and bronchial IL-17F and related cytokines in frequent exacerbators with neutrophilic severe asthma**

Fabio L.M. Ricciardolo, Valentina Sorbello, Davide Vallese, Gian Mario Massaglia, Gabriella Favatà, Antonino Di Stefano, Speaker to be confirmed

**CAT in COPD phenotypes (POPE study)**

Vladimír Koblížek, Attila Somfay, Jan Svancara, Ruzena Tkacova, Branislava Milenkovic, Adam Barczyk, Kirill Zykov, Neven Tudoric, Kosta Kostov, Zuzana Zbozinkova, Jurij Sorli, Alvis Krams, Marc Miravittles, Arschang Valipour, Speaker to be confirmed

**Prevalence of COPD in heroin smokers screened at substance misuse clinics**

Jennifer Furlong, Rob Peat, Ryan Young, Tara Byrne, Doreen Russell, Tristan Elkin, Sandra Oelbaum, Hassan Burhan, Paul Walker, Sue Renwick, Speaker to be confirmed

**Evolution of COPD phenotypes in time - Czech multicentre research database of severe COPD**

Vladimír Koblížek, Barbora Novotna, Jan Svancara, Michal Svoboda, Patrice Popelkova, Marek Plutinsky, Kristian Brat, Jaromir Zatloukal, Eva Volakova, Karel Hejduk, Eva Kocova, Michal Kopecky, Katerina Neumannova, Miroslava Fecaninova, Petr Safranek, Tomas Dvorak, Ondrej Sobotik, Zuzana Liptakova, Lucie Heribanova, Blanka Snelerova, Marie Majerciakova, Pavlina Musilova, Jiri Jarkovsky, Speaker to be confirmed

**Prevalence of refractory asthma in population with severe asthma**

Evgeny Kulikov, Ludmila Ogorodova, Ivan Deev, Natalya Kirillova, Sergey Fedosenko, Speaker to be confirmed

**Vitamin D deficiency is associated with rapid decline in exercise capacity in male patients with COPD**

Yong Bum Park, Changhwan Kim, Ji Ye Jung, Yeon-Mok Oh, Sang-Do Lee, Kwang Ha Yoo, Speaker to be confirmed

**Can emphysema predict exacerbations and changes in PFTs in COPD?**

Zvi G. Fridlender, Ron Kaufman, Dorit Shaham, Neville Berkman, Speaker to be confirmed

**Clinical differences between emphysematous and non-emphysematous COPD**

Manu Madan, Pawan Gupta, Richa Mittal, Sunil Chhabra, Speaker to be confirmed

**Mathematical model to predict the risk of future exacerbations in non-smoking patients with COPD**

Aliaksei Kadushkin, Anatoli Tahanovich, Speaker to be confirmed

**Use of clinical characteristics to predict spirometric classification of obstructive lung disease**

Steven Pascoe, Wei Wu, Kathryn Collison, Linda Nelsen, Keele Wurst, Laurie Lee, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Clinical studies in asthma and immunology**

Chairs :

**Global asthma network identifies gaps in essential asthma medicines**

Innes Asher, Karen Bissell, Philippa Ellwood, Eamon Ellwood, Chen-Yuan Chiang, Guy Marks, Asma El Sony, Nils Billo, Christophe Perrin, Global Asthma Network Study Group, Speaker to be confirmed

**Global asthma network survey of national asthma strategies – Where are the gaps?**

Innes Asher, Philippa Ellwood, Eamon Ellwood, GAN Study Group, Speaker to be confirmed

**Relation of IL-33 and PSMA6 gene polymorphisms in asthma patients**

Edita Gasiuniene, Zivile Zemeckiene, Raimundas Sakalauskas, Brigita Sitkauskiene, Speaker to be confirmed

**Heritability in general and specific atopy: A twin study**

Howraman Meteran, Linnea Skov, Vibeke Backer, Kirsten Ohm Kyvik, Simon Francis Thomsen, Speaker to be confirmed

**Pulmonary function changes following allogeneic haematopoietic cell transplantation**

Jonathon Lennon, Ian Bilmon, Megan Hogg, David Gottlieb, Peter Middleton, Speaker to be confirmed

**Reversible bronchitis and peribronchitis after bronchial thermoplasty**

Yamamoto Shota, Iikura Motoyasu, Ishii Satoru, Izumi Shinyu, Hojo Masayuki, Sugiyama Haruhito, Speaker to be confirmed

**Investigating the interaction between bronchoconstriction and cough in asthma**

Imran Satia, Huda Badri, Mark Woodhead, Paul O'Byrne, Stephen Fowler, Jaclyn Smith, Speaker to be confirmed

**Cluster analysis of cough variant asthma using FeNO**

Saki Oyama, Yoshio Otani, Wakaba Furuie, Miho Akaza, Tetsuo Sasano, Kimitake Tsuchiya, Meiyo Tamaoka, Naohiko Inase, Yuki Sumi, Speaker to be confirmed

**Endotoxemia may be first step for acute attacks in patients with hereditary angioedema in remission**

Zafer Hasan Ali Sak, Emin Savik, Ismail Koyuncu, Serif Kurtulus, Ibrahim Altiparmak, Funda Yalçın, Aysegül Kurnaz, Faruk Güneş, Irfan Eser, Erkan Kurtaran, Mehmet Gencer, Nurten Aksoy, Speaker to be confirmed

**Allergic bronchopulmonary aspergillosis complicating COPD is associated with a higher exacerbation rate and a distinct pattern on chest CT scan compared to COPD**

Annefleuret Maignant, François Mellot, Luc Haudebourg, Helene Neveu, Elisabeth Rivaud, Emilie Catherinot, Camille Bron, Helene Salvator, Alexandre Chabrol, Oana Anitei, Gregoire Trebbia, Jerome Devaquet, Charles Cerf, Louis-Jean Couderc, Colas Tcherakian, Speaker to be confirmed

**Features of the placenta immunomorphology in women with asthma**

Yulia Dymarskaya, Olga V. Lavrova, Ludmila B. Zubzhitskaya, Elena A. Shapovalova, Speaker to be confirmed

**Features of clinical and functional parameters of ACOS-syndrome**

Angelina Kraposhina, Elena Sobko, Svetlana Chubarova, Irina Demko, Irina Soloveva, Natalia Gordeeva, Marina Mamaeva, Speaker to be confirmed

**Knowledge of asthma is associated with inhalation technique in elderly patients with asthma**

Takashi Iwanaga, Kyuya Gose, Yuya Nakanishi, Sho Saeki, Ryo Yamazaki, Nanase Watatani, Akiko Sano, Toshiyuki Yamagata, Osamu Nishiyama, Hiroyuki Sano, Yuji Higashimoto, Hiroaki Kume, Yuji Tohda, Speaker to be confirmed

**Late-onset hypereosinophilic asthma accompanied by systemic eosinophilic manifestations**

Mikio Toyoshima, Kazuo Tsuchiya, Takafumi Suda, Speaker to be confirmed

**Clinical characteristics of seasonal rhinitis and co-existence with asthma**

Ebru Özdemir, Esra Karabiber, Özgür Aktas, Ebru Çelebioglu, Gül Karakaya, A. Fuat Kalyoncu, Speaker to be confirmed

**Effect of FESS on asthma patients with nasal polyposis and chronic sinusitis**

Önder Akdeniz, Seyhan Us Düğger, Ozlem Sengoren, Dilber Durmaz Yilmaz, Mehmet Karadag, Speaker to be confirmed

**Collaborative treatment with variety of dust mites allergic in standardized dermatophagoides pteronyssinus allergen immunotherapy**

Zheng Peiyan, Baoqing Sun, Speaker to be confirmed

**Characterisation of asthma patients with persistent airflow obstruction**

Tunn Ren Tay, Hang Siang Wong, Xue Ning Choo, Rosna Ihsan, Hsiao Peng Toh, Speaker to be confirmed

**Efficacy of air purifier for adjuvant therapy of asthma**

Jaiying Luo, Zhao Chen, Xiao Lan, Jiaqing HU, Baoqing Sun, Speaker to be confirmed

**Seasonal influenza vaccine effectiveness in people with asthma: A systematic review**

Eleftheria Vasileiou, Colin Simpson, Aziz Sheikh, Chris Butler, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Asthma: treatment, disease control and quality of life****Chairs :****Inappropriate asthma therapy: A tale of two countries**

Manon Belhassen, Anjan Nibber, Eric Van Ganse, Dermot Ryan, Carole Langlois, Francis Appiagyei, Derek Skinner, Laurent Laforest, Joan B. Soriano, David Price, Speaker to be confirmed

**Predictors of respiratory health status in patients with severe asthma**

Linda Nelsen, Necdet Gunsoy, Hana Müllerová, Sarah Cockle, Frank Albers, Speaker to be confirmed

**The disease burden of mild asthmatics in China**

Bo Ding, Mark Small, Wenzhu Wang, Peter Schweikert, Speaker to be confirmed

**Oral corticosteroids in asthma exacerbations: Differences between patient-reported data and proxies from claims data**

Laurent Laforest, Alexandra L. Dima, Nathalie Texier, Marijn de Bruin, Gimena Hernandez, Maëva Nolin, Eric van Ganse and the ASTROLAB Group, Speaker to be confirmed

**Different risk factor pattern for allergic and non-allergic asthmatics selected from a random population**

Linda Ekerljung, Roxana Mincheva, Bo Lundbäck, Jan Lötvall, Speaker to be confirmed

**The effects of smoking on asthma control and quality of life**

Elina Mäkitäkylä, Miki Koivisto, Maritta S. Jaakkola, Jouni J.K. Jaakkola, Speaker to be confirmed

**The real world burden of illness in uncontrolled asthma with elevated eosinophils**

Kathy Lang, Caitlin Knox, Ray Gani, Xichun Sun, Speaker to be confirmed

**One-year coverage by inhaled steroids in asthma: French claims data**

Laurent Laforest, Manon Belhassen, Gilles Devouassoux, Alain Didier, Marine Ginoux, Eric Van Ganse, Speaker to be confirmed

**Before hospital admission for an exacerbation, asthma patients don't look alike!**

Manon Belhassen, Carole Langlois, Laurent Laforest, Eric Van Ganse, Speaker to be confirmed

**Asthma management among allergists in Italy: Results from a survey**

Maria Sandra Magnoni, Marco Caminati, Giorgio Walter Canonica, Fabio Arpinelli, Andrea Rizzi, Gianenrico Senna, Speaker to be confirmed

**Eligibility for mepolizumab, omalizumab and reslizumab in the EU population: The IDEAL study**

Frank Albers, Sarah Cockle, Necdet Gunsoy, Ji-Yeon Shin, Linda Nelsen, Hana Muellerova, Speaker to be confirmed

**Clinical characteristics and burden of illness in a cohort of severe asthma patients**

Hana Muellerova, Necdet Gunsoy, Sarah Cockle, Linda Nelsen, Frank Albers, Speaker to be confirmed

**The Italian registry for severe/uncontrolled asthma**

Sara Maio, Sandra Baldacci, Sonia Cerrai, Giuseppe Sarno, Megon Bresciani, Manuela Latorre, Nicola Murgia, Fabrizio Spinuzzi, Mariachiara Braschi, Leonardo Antonicelli, Barbara Brunetto, Patrizia Iacovacci, Carlo Pini, Mario Pata, Lidia La Grasta, Pierluigi Paggiaro, Giovanni Viegi, Speaker to be confirmed

**Relationships between asthma control, productivity and health outcomes in a US survey**

Karina Raimundo, Susan Limb, Natalia M. Flores, Marco DiBonaventura, Speaker to be confirmed

**A long-time follow-up of mortality, asthma, and health-related quality of life in an elderly**

Anna Rask-Andersen, Mai Leander, Christer Janson, Speaker to be confirmed

**Identifying predictors of asthma-related events**

Caitlin Knox, Ray Gani, Xichun Sun, Kathy Lang, Speaker to be confirmed

**Development of prediction models for asthma-related events using EMR and claims data sources**

Caitlin Knox, Ray Gani, Xichun Sun, Kathy Lang, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Prevalence of obstructive airway diseases, method of diagnosis and lung function testing****Chairs :****Alpha-1 antitrypsin deficiency prevalence in COPD patients in a specialized hospital in Buenos Aires, Argentina**

Guillermo Menga, Patricia Sorroche, María Soledad Saez, Juan José Moncalvo, Martín Eduardo Fernandez, Speaker to be confirmed

**Polish and World spirometry days – Three years of research experience on causes and consequences of obstructive diseases in Poland**

Artur Badyda, Piotr Dabrowiecki, Piotr Oskar Czechowski, Dominika Mucha, Anna Gayer, Speaker to be confirmed

**Spirometric abnormality was influenced by the estimated GFRs in a Korean general population**

Jin Woo Kim, Sang Haak Lee, Chang Dong Yeo, Hyun Hee Kang, Speaker to be confirmed

**Lung function in older community dwelling Australians**

Michael Abramson, Brigitte M. Borg, Edwina McCarthy, Jo A. Douglass, Angela J. Lewis, Bruce R. Thompson, Speaker to be confirmed

**Comparison of spirometric results obtained in sitting and standing position in children participating in epidemiological study**

Grzegorz Brozek, Jan Zejda, Agnieszka Jarosinska, Agnieszka Idzik, Lawson Joshua, Speaker to be confirmed

**Validation of simple and composed screening test of childhood asthma**

Grzegorz Brozek, Jan Zejda, Malgorzata Farnik, Agata Wypych-Slusarska, Szymon Skoczynski, Speaker to be confirmed

**Short-term repeatability of fractional exhaled nitric oxide (F<sub>E</sub>NO) measurement in children**

Kamil Baranski, Jan Eugeniusz Zejda, Speaker to be confirmed

**The influence by body mass index on annual lung function decline is not related to smoking status**

Gunnar Einvik, Johnny Kongerud, Berit Bakke, Vidar Søyseth, Speaker to be confirmed

**Sex-switch in prevalence of allergic multimorbidity from childhood to adulthood? A systematic review and meta-analysis**

Matthias Fröhlich, Mariona Pinart, Stephanie Roll, Andreas Reich, Theresa Keller, Thomas Keil, Speaker to be confirmed

**Age of weaning and asthma and atopy in young adults**

Sadiyah Hand, Ken Jones, Iolo Doull, Speaker to be confirmed

**COPD classification according GOLD 2013 and Latin American Thoracic Association (ALAT) recommendations in PUMA study**

Maria Montes De Oca, Maria Victorina Lopez Varela, Maria Eugenia Laucho Contreras, Alejandro Casas, Eduardo Schiavi, Alejandra Rey, Alejandra Silva, Speaker to be confirmed

**Prevalence of asthma and asthma-like symptoms in Greece: Early results of the E.ME.NO study**

Maria Gangadi, Aikaterini Margetaki, Magda Gavana, Apostolos Vantarakis, Paraskevi Voulgari, Grigoris Chlouverakis, Ioannis Alamanos, George Rachiotis, Grigoris Trypsianis, Argyro Karakosta, Giota Touloumi, Anna Karakatsani, Speaker to be confirmed

**Asthma, asthma-related symptoms and obstructive pattern in Greece: Early results of the E.ME.NO study**

Maria Gangadi, Aikaterini Margetaki, Bettina Haidich, Apostolos Vantarakis, Paraskevi Voulgari, Grigoris Chlouverakis, Ioannis Alamanos, Christos Chatzichristodoulou, Grigoris Trypsianis, Sofia Anastasiou, Argyro Karakosta, Giota Touloumi, Anna Karakatsani, Speaker to be confirmed

**White blood cells, FeNO, glutathione, 8-oxodG and 8-isoprostane in respiratory diseases**

Liliya Chamitava, Lucia Cazzoletti, Marcello Ferrari, Paolo Degan, Andrea Pasini, Anna Fratta-Pasini, Morena Nicolis, Valeria Bellisario, Mario Olivieri, Angelo Corsico, Pietro Pirina, Roberto Bono, M. Elisabetta Zanolin, Speaker to be confirmed

**COPD prevalence in Argentina: The EPOC.AR study**

Andres Echazarreta, Eduardo Giugno, Daniel Colodenco, Sergio Arias, Juan Carlos Bossio, Gustavo Armando, Speaker to be confirmed

**Indoor microbial exposure in relation to allergy and respiratory health in adults**

Gitte Juel Holst, Ann Dorte Pørnike, Jonas Lindgreen, Betina Thuesen, Jakob Bønløkke, Collin Brooks, Jeroen Douwes, Allan Linneberg, Torben Sigsgaard, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Epidemiological aspects on tuberculosis and other respiratory conditions: from lung cancer to late-onset Pompe's disease.**

Chairs :

**In-hospital disease burden of sarcoidosis in Switzerland from 2002 to 2012**

Susanne Pohle, Florent Baty, Martin Brutsche, Speaker to be confirmed

**5-year weekly monitoring of community-acquired pneumonia incidence and mortality**

Rustem Shaymuratov, Alexander Vizel, Speaker to be confirmed

**Healthcare utilisation in childhood interstitial lung diseases: Analysis of chILD-EU registry data**

Boglárka Szentes, Sabine Witt, Andrew Bush, Steve Cunningham, Nagehan Emiralioglu, Lutz Goldbeck, Matthias Griese, Meike Hengst, Nural Kiper, Katarzyna Krenke, Joanna Lange, Reiner Leidl, Nicolaus Schwerk, Larissa Schwarzkopf, Speaker to be confirmed

**Epidemiology of haemoptysis in Italy: A prospective observational study**

Michele Mondoni, Giovanni Sotgiu, Paolo Carlucci, Sara Job, Elena Maria Parazzini, Alessandro Fois, Gabriella Diana, Sara Canu, Pietro Pirina, Giuseppe Cipolla, Matteo Pagani, Francesco Tursi, Luigi Negri, Martina Bonifazi, Stefano Gasparini, Andrea Claudio Comel, Silvia Marani, Franco Ravenna, Simone Dore, Silvia Terraneo, Giuseppe Francesco Sferrazza Papa, Fabiano Di Marco, Stefano Centanni, Speaker to be confirmed

**Pneumococcal carriage and serotypes distribution in patients with acute otitis media in Switzerland, 2004-2014**

Auré lie Allemann, Marianne Kü ffer, Markus Hilty, Speaker to be confirmed

**Addressing the tuberculosis (TB) and diabetes mellitus (DM) co-epidemic among TB patients in Luanda, Angola**

Giulia Segafredo, Ugo Fedeli, Anna Maria Gnani, Filippo Ferretti, Ludovico Corbuccio, Gianluca Quaglio, Luigi Andreoni, Andrea Atzori, Giovanni Putoto, Speaker to be confirmed

**Molecular epidemiological analysis of cases of pulmonary tuberculosis in patients with multiple admissions to TB hospital**

Neliia Vasileva, Anna Vyazovaya, Alexandra Inozemceva, Olga Narvskaya, Elena Myasnikova, Igor Vasilev, Speaker to be confirmed

**Characterization of sleep disordered breathing in a group of 123 heart failure patients**

Kamila Sedkaoui, Pauline Fournier, Michel Galinier, Marianne Lescouzeres, Sandrine Pontier, Alain Didier, Speaker to be confirmed

**Early respiratory infections and dental caries in the first 27 years of life**

Aino Rantala, Ilkka M. Mehtonen, Maritta S. Jaakkola, Timo T. Hugg, Jouni J.K. Jaakkola, Speaker to be confirmed

**The association between gastritis/gastroesophageal reflux and rhinitis/rhinosinusitis**

Francesca Locatelli, Eliana Finocchio, Alessandro Marcon, Roberto Bono, Isa Cerveri, Pietro Pirina, Giulia Trucco, Mario Olivieri, Marcello Ferrari, Giuseppe Verlato, Speaker to be confirmed

**Prevalence of nontuberculous mycobacteria in hospital waters of major cities of Khuzestan province, Iran**

Azar Dokht Khosravi Boroujeni, Abdolrazagh Hashemi Shahraki, Mohammad Hashemzadeh, Rasa Sheini Mehrabzadeh, Speaker to be confirmed

**Is the incidence of spontaneous pneumothorax associated with climacteric conditions?**

Roberto Meleira Silva, Inês Vicente, Eunice Magalhães, Maria Jesus Valente, Maria la Salette Valente, Speaker to be confirmed

**Early diagnosis of late onset Pompe disease (LOPD) in patients with respiratory failure (PneumoLoped study preliminary data)**

Marco Confalonieri, Michele Vitacca, Andrea Vianello, Antonio Capuozzo, Eugenio Sabato, Fausto De Michele, Annalisa Carlucci, Luigi Chiaffi, Raffaele Scala, Grazia Crescimanno, Antonio Corrado, On Behalf of PneumoLoped AIPO Study Group, Speaker to be confirmed

**Molecular identification of nontuberculous mycobacteria isolated from patients in northeast Iran**

Ehsan Aryan, Davoud Mansouri, Davoud Bordbar, Amir-Hooshang Alvandi, Abdolrazagh Hashemi-Shahraki, Hadi Safdari, Speaker to be confirmed

**The prevalence of the Azygous lobe: A computerized thorax tomography (CT)**

Levent Özdemir, Burcu Özdemir, Speaker to be confirmed

**Regional pattern of trends in lung cancer incidence in Croatia, 2001-2013**

Marina Polić Vizintin, Kararina Josipa Siroglavic, Ingrid Tripkovic, Mario Štekerija, Zvonimir Šostar, Suzana Kukulj, Speaker to be confirmed

**Tuberculosis and HIV infection in combination with multidrug resistant MBT on Northwest of Russia**

Goar Balasaniantc, Vladimir Galkin, Zinaida Zagdyn, Peter Yablonskii, Speaker to be confirmed

**Are epidemiological statistics on extrapulmonary tuberculosis correct?**

Ekaterina Kulchavenya, Irina Zhukova, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Occupational and environmental exposures and biomarkers including human study, animal data and in vitro methods****Chairs :****Dust exposure impacts haemophilus influenzae attachment and invasion of human airway epithelial cells**

Holly Clifford, Teck Teo, Lea-Ann Kirkham, Ruth Thornton, Graeme Zosky, Janessa Pickering, Speaker to be confirmed

**Particulate matter promotes epithelial-to-mesenchymal transition in human lung epithelial cells via ROS pathway**

Xiaoyan Xu, Yingmin Ma, Xiaomin Wu, Joe Garcia, Ting Wang, Speaker to be confirmed

**Comparison of wood smoke and cigarette smoke in causing chronic mucous hypersecretion**

Yohannes Tesfaigzi, Elias Awji, Speaker to be confirmed

**Effects of diesel exhaust particles exposure in a murine model of asthma due to soybean**M<sup>a</sup> Jesus Cruz Carmona, Daniel Alvarez-Simón, Susana Gómez-Ollé, María Dolores Untoria, Jokín Yllera-Retegui, Marta Ollé-Monge, Xavier Muñoz, Speaker to be confirmed**Anti-IgE as an alternative treatment for occupational asthma due to low molecular weight agents**Marta Ollé, Xavier Muñoz, Jokín Yllera, M<sup>a</sup> Dolores Untoria, Daniel Álvarez, M<sup>a</sup> Jesús Cruz, Speaker to be confirmed**Mus m 1 personal exposure in laboratory animal workers in facilities where mice are housed in open cages and individually ventilated cages**

Jennifer Canizales, Meimir Jones, Sean Semple, Johanna Feary, Paul Cullinan, Speaker to be confirmed

**In-house and commercial and bovine dander extracts in the diagnostics of allergic occupational diseases**

Irmeli Lindstrom, Liisa Airaksinen, Hille Suojalehto, Paula Pallasaho, Anne Puustinen, Speaker to be confirmed

**Cytokines and MMP-9 level in serum and induced sputum of patients with suspicion of occupational COPD**

Marta Wiszniewska, Aneta Kleniewska, Ewa Nowakowska-Swirta, Diana Tymoszek, Agnieszka Lipinska-Ojrzanowska, Jolanta Walusiak-Skorupa, Speaker to be confirmed

**Markers of inflammation among workers exposed to engineered TiO<sub>2</sub> nanoparticles**

Sergey Zakharov, Daniela Pelclova, Vladimir Zdimal, Petr Kacer, Zdenka Fenclova, Stepanka Vlckova, Jaroslav Schwarz, Tomas Navratil, Martin Komarc, Speaker to be confirmed

**DNA methylation changes in workers occupational exposed to carbon nanotubes**

Manosij Ghosh, Deniz Öner, Ali Tabis, Katrien Poels, Peter Hoet, Anjoeka Pronk, Roel Vermeulen, Bram Bekaert, Lode Godderis, Speaker to be confirmed

**Oxidative imbalance in biological fluids of heavy metals-exposed workers**

Felicia Gradinariu, Irina Anca Popescu, Eugenia Danulescu, Micaela Margineanu, Viorel Cazuc, Madalina Ipate, Ovidiu Petris, Speaker to be confirmed

**Changes in passive smoking in the workplace from three waves of the European community respiratory health survey**

Mario Olivieri, Nicola Murgia, Anne Elie Carsin, Geza Benke, Irene Brüske, Peter G.J. Burney, Christer Janson, Debbie Jarvis, Benedicte Leynaert, Jesús Martínez-Moratalla, Torben Sigsgaard, Cecilie Svanes, Kjell Torén, Jan-Paul Zock, Giuseppe Verlati, Speaker to be confirmed

**Exposure to diesel exhaust particles impairs heart rate variability and induces inflammatory alterations on spontaneously hypertensive rats**

Natalia Almeida, Larissa Emidio, Beatriz Romanholo, Manoel Junior, Rodolfo Vieira, Paulo Sladiva, Dolores Rivero, Speaker to be confirmed

**Characterisation of exhaled aerosol from vibrating mesh and jet nebulisers**

Andrew O'Sullivan, James McGrath, Miriam Byrne, Patrick Power, Ronan Mac Loughlin, Speaker to be confirmed

**Occupational respiratory exposure at man-made mineral fibers and their influence on p53 protein expression in peripheral mononuclear cells**

Micaela Margineanu, Carmen Cozmei, Eugenia Danulescu, Felicia Gradinariu, Madalina Ipate, Speaker to be confirmed

**Smoking has a protective effects on functional and inflammatory parameters in workers exposed to artificial stone dust**

Noa Ophir, Amir Bar Shai, Yifat Alcalay, Yehuda Schwarz, Rafi Korenstein, Mordechai R. Kremer, Elizabeth Fireman, Speaker to be confirmed

**Elevated neutrophil lymphocyte ratio and T4 levels can be predisposing factors for silicosis**

Meside Gunduzoz, Özlem Kar Kurt, Turkan Nadir Ozis, Ceylan Bal, Murat Buyuksekeri, Servet Iritas, Engin Tutkun, Omer Hinc Yilmaz, Speaker to be confirmed

**Exposure to welding fume and oxidative stress in airway epithelial cells**

Reetika Suri, Jonathan Grigg, Speaker to be confirmed

**Lung function and element status of foundry workers**

Tatsiana Rybina, Volha Kardash, Siarhei Semizhon, Victor Zaitsev, Aliaxandra Rybina, Hleb Kardash, Speaker to be confirmed

**Bronchopulmonary system changes in the employees of nuclear industry**

Lyudmila I. Shvayko, Viktor Sushko, Kostiantyn Bazyka, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: The indoor and ambient environment**

Chairs :

**Outdoor exercise with different PM<sub>2.5</sub> concentrations and heart rate variability effects in healthy individuals, São Paulo, Brazil**

Renato Paceli, Aretusa Cardoso, Matheus Cavalcanti de Sá, Mauro Walter Vaisberg, Naomi Kondo Nakagama, Mario Terra-Filho, Dirce Maria Trevisan Zanetta, Ubiratan de Paula Santos, Speaker to be confirmed

**Self-reported traffic exposure is not strongly correlated with modelled NO<sub>x</sub> in a Northern European cohort study**

Hanne Krage Carlsen, David Olsson, Thorarinn Gislason, Johan Hellgren, Christer Janson, Ane Johannessen, Rain Jørgensen, Torben Sigsgaard, Bertil Forsberg, Speaker to be confirmed

**Are physicians specialists on the impact of air pollution on health?**

Tadeusz M. Zielonka, Katarzyna Zycinska, Speaker to be confirmed

**Exposure to damp or mould at home in relation to respiratory symptoms and asthma in the Telemark study, Norway**

Regine Abrahamsen, Martin Veel Svendsen, Paul K. Henneberger, Kjell Torén, Johny Kongerud, Anne Kristin Møller Fell, Speaker to be confirmed

**Household smoking and respiratory health in Telemark, Norway – 10 years after the introduction of a smoking ban**

Anne Kristin Møller Fell, Jeong.Lim Kim, Regine Abrahamsen, Martin Veel Svendsen, Kjell Toren, Johny Kongerud, Paul Henneberger, Speaker to be confirmed

**Swimming pools: Exposure time and asthma symptoms in children**

Martin Andersson, Helena Backman, Gunnar Nordberg, Kåre Eriksson, Linnea Hedman, Annika Hagenbjörk, Bertil Forsberg, Eva Rönnmark, Speaker to be confirmed

**Indoor pollution and respiratory health in the Himalayas**

Eva Bernardi, Angela Marinoni, Lorenza Pratali, Paolo Bonsaoni, Paolo Sdringola, Sanjeev Bhandari, Buddha Basnyat, Annalisa Cogo, Speaker to be confirmed

**High-altitude alpine therapy and lung function in asthma: Systematic review and meta-analysis**

Denis Vinnikov, Abdullah Khafagy, Paul Blanc, Nurlan Brimkulov, Craig Steinmaus, Speaker to be confirmed

**Children's micro-environment air pollution exposures in London and Bangalore**

Rossa Brugha, Sidra Hussein, Samatha Sonnappa, Jonathan Grigg, Speaker to be confirmed

**Does prolidase activity an early marker for lung emphysema in biomass smoke exposed women**

Bünyamin Sertogullarindan, Hatice Sezen, Hulya Gunbatar, Aysel Sunnetcioglu, Ahmet Arisoy, Selami Ekin, M. Hakan Bilgin, Nurten Aksoy, Bulent Özbek, Speaker to be confirmed

**Biomass exposure and its association with respiratory symptoms, quality of life, and lung function: A population study in Ife, Nigeria**

Daniel Obaseki, Bamidele Adeniyi, Gregory Erhabor, Speaker to be confirmed

**Do air pollution and outdoor temperature influence the frequency of acute COPD exacerbations?**

Iliya Krachunov, Nikolay Yanev, Nikolay Kyuchukov, Zlatina Ivanova, Petkana Hristova, Pavlina Glogovskis, Plamen Pavlov, Tsanya Popova, Yavor Ivanov, Speaker to be confirmed

**Exposure to low dose of particles produced by biomass burning: Respiratory toxicity**

Mariana Machado, Giovanna Carvalho, Estela Vicente, Célia Alves, Walter Zin, Speaker to be confirmed

**Treatment of chronic obstructive pulmonary disease in clean-up workers of the Chernobyl NPP accident in the remote period after irradiation with additional 6 month prescription combination of ambroxol and essential phospholipids**

Victor Sushko, Liudmila Shvaiko, Konstantin Bazyka, Alona Riazhska, Speaker to be confirmed

**Predictors of chronic rhinosinusitis among World Trade Center (WTC) exposed fire department city of New York (FDNY)-workers: A 13.5 year longitudinal analysis**

Barbara Putman, Sophia Kwon, Anna Nolan, Guy F. Joos, Michael D. Weiden, Speaker to be confirmed



**Aerodigestive continuum: GERD and Barrett's esophagus in World Trade Center exposed firefighters**  
Syed Hissam Haider, Audrey K. Lee, Erin J. Caraher, Liqun Zhang, Mohamed Zedan, David J. Prezant, Sophia Kwon, Anna Nolan, Speaker to be confirmed

**Prevalence of respiratory symptoms and lung function status of firefighters in Benin City, Nigeria**  
Alphonsus Isara, Elizabeth Egbagbe, Speaker to be confirmed

**Clinico-radiological and functional assessment of respiratory symptomatics with either exposure to biomass fuel smoke or tobacco smoking**  
Vikas Pilaniya, Shekhar Kunal, Ashok Shah, Speaker to be confirmed

**Systemic inflammatory profile associated with exposure time to burning sugarcane**  
Marceli Rocha Leite, Iara Buriola Trevisan, Guilherme Yassuyuki Tacao, Aline Duarte Ferreira, Ercy Mara Cipulo Ramos, Fabio Santos de Lira, Dionei Ramos, Speaker to be confirmed

**Burnt sugarcane harvesting is associated with short and long term alterations in systemic and pulmonary inflammatory markers**  
Marceli Rocha Leite, Emmanuel de Almeida Burdman, Dionei Ramos, Iara Buriola Trevisan, Ubiratan de Paula Santos, Speaker to be confirmed

12:50 - 14:40

## Thematic Poster: Smoking cessation strategies

Chairs :

**Newly diagnosed diseases during the smoking cessation process**

Ika Pešić, Branislav Gvozdenovic, Branka Bulajic-Subotic, Vladimir Zugic, Nada Lazovic, Speaker to be confirmed

**Interim report: The effectiveness of smoking cessation in tuberculosis patients and its effective factor**

Mahshid Aryanpur, Mohammad Reza Masjedi, Esmaeil Mortaz, Seyed Mohammad Reza Aryan, Zahra Hessami, Hooman Sharifi, Payam Tabarsi, Mostafa Hosseini, Speaker to be confirmed

**Attitude change of ex-smokers in regards to the smoking approval in the living environment**

Ika Pešić, Branislav Gvozdenovic, Branka Bulajic-Subotic, Nada Lazovic, Speaker to be confirmed

**Characteristics of smoking cessation among hard-core smokers (HCS)**

Aissa Sana, Benzarti Wafa, Mezghani Sonia, Abdelghani Ahmed, Ghofrane Jaffel, Gargouri Imen, Ben Salem Halima, Garrouche Abdelhamid, Hayouni Abdelaziz, Benzarti Mohamed, Speaker to be confirmed

**Effectiveness of motivational interview for smoking cessation in hospital setting**

Mihaela Zidarn, Ana Kolenko, Speaker to be confirmed

**Comparing behavior, attitude and knowledge about smoking cessation between smoking and non-smoking healthcare professionals**

Ana Santos, Joana Carvalho, Rafaela Campanha, Inês Ribeiro, Cristina Matos, Fernando Nogueira, Speaker to be confirmed

**The need for smoking cessation in pregnant women in Greece**

Athina Diamanti, Victoria Vivilaki, Maria Tzeli, Paraskevi Katsaounou, Speaker to be confirmed

**The influence of respiratory nurse's awareness of health hazards of smoking on smoking cessation interventions provided by tertiary hospitals in Guangzhou, China**

Yueming Su, Shujun Chen, Wei He, Yucui Gong, Lijie Xin, Mei Jiang, Speaker to be confirmed

**5As (ask, advise, assess, assist, arrange) tobacco treatment delivery in primary care settings in Greece**

Sophia Papadakis, Charis Girvalaki, Constantine Vardavas, Andrew Pipe, Christos Lionis, Speaker to be confirmed

**An observational study "Quitline service" for smoking cessation in Hungary**

Erika Pataki, Luca Hodasz, Erzsebet Tóth, Ildikó Horvath, Gábor Kovács, Speaker to be confirmed

**Anti-smoking treatment failure: Differential features**

Francisco Javier Callejas Gonzalez, Raul Godoy Mayoral, Javier Cruz Ruiz, Wanda Mayoris Almonte, Marta Genoves Crespo, Francisco Javier Agustín Martínez, Abel Jesús Martínez García, José Alfonso García Guerra, Ángel Molina Cano, Ana Isabel Tornero Molina, Speaker to be confirmed

**The questionnaire chronic obstructive pulmonary disease-population screener (COPD-PS) as a screening of the chronic obstructive pulmonary disease (COPD) in a quitting smoke medical practice**  
Ana Gomez-Bastero Fernandez, Concepción Romero Muñoz, Patricia Guerrero Zamora, Virginia Almadana Pacheco, Teodoro Montemayor Rubio, Speaker to be confirmed

**Knowledge of doctors about smoking risks and their attitude toward it's cessation in antenatal clinics**  
Saima Akhter, Shaista Ghazal, Usman Ali Warraich, Speaker to be confirmed

**Respiratory impairment relating to smoking habits evaluated by lambda-mu-sigma method derived z-score in healthy ever-smokers**  
Shinobu Osanai, Toshiyuki Ogasa, Naoyuki Hasebe, Speaker to be confirmed

**Early spirometric changes in asymptomatic smokers; is it a time dependent?**  
Safaa Wafy, Gamal Agamy, Abeer Ali, Speaker to be confirmed

**Knowledge, attitude and practices of health care professionals towards tobacco control in south India**  
Glad Mohesh, Jyotsna Srinath, Rajeev Kuppalagan Rajendiran, Sundaramurthy Annamalai, Speaker to be confirmed

**Relationship between gender differences and psychiatric symptom test results in smokers applied to the smoking cessation clinic**  
Pinar Bostan, Fatmanur Okyaltirik, Emel Kocer, Cigdem Kinik Camlicali, Speaker to be confirmed

**Tobacco smoking profile of patients with respiratory ailments at AIIMS Bhubaneswar**  
Sourin Bhuniya, John Fernando G, Priyadarshini Behera, Gourahari Pradhan, Manoj K. Panigrahi, Prasanta R. Mohapatra, Speaker to be confirmed

**Comparison cessation treatment after 5 years experience**  
Raul Godoy Mayoral, Francisco Javier Callejas González, Javier Cruz Ruiz, Wanda Mayoris Almonte, Marta Genoves Crespo, Francisco Javier Agustín Martínez, Abel Jesús Martínez García, José Alfonso García Guerra, Angel Molina Cano, Ana Isabel Tornero Molina, Speaker to be confirmed

**Comparing smoking cessation behaviour, attitudes and knowledge between trained and non-trained healthcare professionals**  
Joana Sofia Vicente de Carvalho, Ana Alves Santos, Rafaela Campanha, Inês Ribeiro, Cristina Matos, Fernando Nogueira, Speaker to be confirmed

12:50 - 14:40

## Thematic Poster: Smoking related diseases

Chairs :

**Smoking risk in cardiovascular and cerebrovascular diseases**  
Andreia Filipa Fonseca Carriço, Filipa Fernandes, Rita Gomes, Filomena Luís, Speaker to be confirmed

**Comparison of clinical profile and outcome of myocardial Infarction in smokers and non-smokers**  
Ashok Kumar, Sadhna Panjwani, Speaker to be confirmed

**Evaluation of the association between cardiac structural and functional changes in healthy smokers**  
Thais Garcia, Ana Natalia Ribeiro Batista, Thyego Mychell Moreira Santos, Danieliso Renato Fusco, André Luis Bertani, Paula Schmidt Azevedo Gaiolla, Marcos Minicucci, Sergio Alberto Rupp Paiva, Irma Godoy, Suzana Erico Tanni Minamoto, Speaker to be confirmed

**Quitting smoking and reduction of cardiovascular risk factors**  
Juan Manuel Diez Piñón, Natividad Quílez, Teresa Bilbao-Goyoaga, Raquel Pérez Rojo, Dolores Alvaro Alvarez, Paz Rodriguez, Speaker to be confirmed

**The importance of smoking as a risk factor of hypertension development in the Arctic region**  
Irina Gagarinova, Andrei Popov, Andrei Lobanov, Speaker to be confirmed

**Comparison of post natal abnormalities and death of infants of smoking and non-smoking women**  
Sadhana Notani, Ashok Kumar, Speaker to be confirmed

**Comparison of osteoporosis in male smokers with or without COPD**  
Sheikh Abul Hasanat Mohammad Mesbahul Islam, Mohammad Zabed Jillul Bari, A.F.M. Nazmul Islam, Speaker to be confirmed

**Do current smoking COPD patients exacerbate more often?**

Igor Murga Arizabaleta, Cristina Sánchez Vieco, Ester Marijuán Gómez, Ana Gómez Larrauri, Olatz Llaguno Ochandiano, Amanda Lopez Picado, José Luis Lobo Beristain, Patricia Sobradillo Ecenarro, Speaker to be confirmed

**Comparison of the effects of smoking and biomass exposure in chronic obstructive pulmonary disease**

Ibrahim Koç, Funda Yalçın, Ahmet Uluhan, Speaker to be confirmed

**Smoking prevalence among surgically treated lung cancer patients**

Tanel Laisaar, Bruno Sarana, Indrek Benno, Speaker to be confirmed

**Smoking and lung function among adults with newly-onset asthma**

Jouni J.K. Jaakkola, Samu Hernberg, Taina Lajunen, Penpatra Sripaiboonkij, Maritta Jaakkola, Speaker to be confirmed

**Smoking in tuberculosis – Don't we have the knowledge?**

Rita Daniela Peixoto Boaventura, David Araújo, Leonor Meira, Leonor Almeida, Catarina Chaves, Helder Novais Bastos, Speaker to be confirmed

**Smoking as a risk factor for survival in heart transplantation**

Filipe Miguel Ferreira Leite, David Prieto, Manuel Antunes, Speaker to be confirmed

**Impact of persistence of smoking on recurrence after early stage lung surgery**

Yelda Basbug Tezel, Mustafa Akyil, Cagatay Tezel, Fatma Tokgoz Akyil, Serdar Evman, Deniz Gurer, Volkan Baysungur, Irfan Yalcinkaya, Speaker to be confirmed

**Lung function and respiratory infections in children exposed to passive smoking**

Aleksandar Kamenov, Svetlana Kamenov, Ivana Vidanovic, Borislav Kamenov, Milan Tosic, Speaker to be confirmed

**Intensive smoking cessation programme outcome in patients with psychiatric disorder**

Daniel José Pires Coutinho, Catarina Marques, Inês Ladeira, Miguel Guimarães, Ivone Pascoal, Speaker to be confirmed

**How COPD patients understand their disease and what are their future expectations?**

Rasa Gauronskaite, Silvija Zemnickiene, Irina Liustrickyte, Dalia Poceviciute, Edvardas Danila, Ruta Kibarskyte, Speaker to be confirmed

**The influence of anxiety on the behavior of smoking in patients with community-acquired pneumonia**

Iosif Marincu, Stefan Mihaicuta, Nicoleta Bertici, Daliborca Vlad, Anca Tudor, Livius Tirnea, Speaker to be confirmed

**Attitudes and knowledge of Greek midwives on smoking cessation**

Athina Diamanti, Paraskevi Katsaounou, Aexandra Tsoukaraki, Maria Efthimiou, Victoria Vivilaki, Speaker to be confirmed

**Social pathology of respiratory diseases in infancy and childhood**

Stela Georgieva, Mariela Kamburova, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Latest advances in paediatric sleep medicine**

Chairs :

**Results of upper airway surgery in < 2 year old children with severe obstructive sleep apnea**

An Boudewyns, Paul Van de Heyning, Stijn Verhulst, Speaker to be confirmed

**Positional (supine dependent) obstructive sleep apnea (POSA) is uncommon in children**

An Boudewyns, Olivier Vanderveken, Paul Van de Heyning, Stijn Verhulst, Speaker to be confirmed

**Pulmonary function tests (PFT) and sleep disordered breathing (SDB) in morbidly obese children and adults**

Audrey Hochart, Véronique Nègre, Iva Gueorguieva, Marie Pigeyre, Christelle Monaca, Anne Mallart, Virginie Debroucker, Olivier Le Rouzic, Régis Matran, Speaker to be confirmed

**The importance of a respiratory assessment in morbidly obese paediatric patients prior to bariatric surgery**

Cara J. Bossley, Martha Ford-Adams, Simon Chapman, Atul Gupta, Gary Ruiz, Ashish Desai, Speaker to be confirmed

**Oximetry screening alone is not sufficient to identify nocturnal hypoventilation in Duchenne muscular dystrophy**

Robert Baker, Neil Gibson, Philip Davies, Speaker to be confirmed

**CPAP can improve respiratory effort as measured by surface electromyogram of the diaphragm (sEMGdi) in children with sleep-disordered breathing**

Sandra Chuang, Arthur Teng, Jane Butler, Simon Gandevia, Hiran Selvadurain, Adam Jaffe, Speaker to be confirmed

**Diagnostic value of a biological marker in the diagnosis of obstructive sleep apnea in children**

Melania Evangelisti, Ottavio Vitelli, Francesca Cocilovo, Annaluce Zambrano, Marilisa Montesano, Maria Pia Villa, Speaker to be confirmed

**Effects of adenotonsillectomy in children with sickle cell disease**

Lisa Van Geyzel, Bethany Singh, Baba Inusa, Michael Farquhar, Morium Akthar, Cara Bossley, Wanda Kozłowska, David Rees, Subarna Chakravorty, Gary Ruiz, Ian Hore, Atul Gupta, Speaker to be confirmed

**Oral language performance in children with obstructive sleep apnea**

Silke Weber, Camila Correa, Dagma V.M. Abramides, Luciana P. Maximino, Speaker to be confirmed

**The relationship between parasomnias and sleep respiratory events in children with epilepsy**

Maria Gogou, Evangelos Pavlou, Maria Eboriadou, Katerina Haidopoulou, Speaker to be confirmed

**Home cardiorespiratory polygraphy studies in children: A new service**

Florian Gahleitner, Michelle Davies, Natasha Liddle, Johanna Gavlak, Hazel J. Evans, Speaker to be confirmed

**Sleep-related hypoventilation in children with Prader-Willi syndrome: Experience from two UK paediatric sleep centres**

Francois Abel, Hui-Leng Tan, Aidan Laverty, Valentina Negro, Nicola Bridges, Thomas Carlisle, Elaine Chan, Michael Miligkos, Martin Samuels, Athanasios G. Kaditis, Speaker to be confirmed

**The association between obstructive sleep apnea and nocturnal enuresis in children**

Hanaa Shafiek, Melania Evangelisti, Nashwa Hassan, Jole Rabasco, Mona Elhoshy, Marilisa Montesano, Mario Barreto, Maria Pia Villa, Mahmoud Ibrahim, Speaker to be confirmed

**Respiratory complications of children with Prader-Willi syndrome**

Valentina Negro, Nicola Bridges, Andrew Bush, Renato Cutrera, Hui-leng Tan, Speaker to be confirmed

**Sleep disordered breathing (SDB) in patients with Beckwith-Wiedemann syndrome (BWS)**

Doxa Kotzia, Rishi Pabary, Francois Abel, Aidan Laverty, Martin Samuels, Speaker to be confirmed

**Management of sleep-disordered breathing in children with achondroplasia**

Rossana Tenconi, Sonia Khirani, Alessandro Amaddeo, Genevieve Baujat, Vincent Couloigner, Jorge Olmo Arroyo, Michel Zerah, Valerie Cormier-Daire, Brigitte Fauroux, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Techniques and tools in paediatric asthma****Chairs :****Feasibility of shotgun urinary proteomics for investigating prematurely born preschoolers (PBP)**

Pierluigi Mauri, Rossana Rossi, Antonella De Palma, Rosalia Paola Gagliardo, Velia Malizia, Giovanna Cilluffo, Giuliana Ferrante, Sabrina D'Arpa, Stefania La Grutta, Speaker to be confirmed

**Modified pulmonary index score (MPIS) and indication of hospitalization for acute asthma exacerbation in children**

Nagatoshi Sagara, Ryouhei Suzuki, Akiko Aota, Kennishi Akashi, Toshio Kastunuma, Speaker to be confirmed

**Informativity of biometric and functional parameters for asthma control verification in children**

Igor A. Klimanov, Svetlana Soodaeva, Tatyana Eliseeva, Mary Glukhova, Lidiya Nikitina, Speaker to be confirmed

**Lung function determined by impulse oscillometry in preschoolers hospitalised for moderate or severe bronchiolitis in infancy**

Joseph Meredith, Matthew Morten, Elizabeth Kepreotes, Adam Collison, Joerg Mattes, Speaker to be confirmed

**Hs-CRP in early childhood wheezing**

Anette Määttä, Anne Kotaniemi-Syrjänen, Kristiina Malmström, L. Pekka Malmberg, Anna S. Pelkonen, Mika J. Mäkelä, Speaker to be confirmed

**High flow nasal cannula (HFNC) long term benefits through a study exploring links between bronchiolitis and (epigenetic) influence of virus to asthma evolution**

Kalomoira Kefala, Marie-Christine Seghaye, Speaker to be confirmed

**Within- and between-visit repeatability of impulse oscillometry in healthy and symptomatic young children**

Hanna Knihtilä, Anne Kotaniemi-Syrjänen, Anna Pelkonen, Satu Kalliola, Mika Mäkelä, Pekka Malmberg, Speaker to be confirmed

**The predictive value of capnography in persisting childhood asthma**

Zoltán Novák, Sándor Fényesi, Speaker to be confirmed

**Risk factors of FEV1 instability in asthmatic children**

Anissa Berraies, Ines Moussa, Besma Hamdi, Amany Touil, Sawssen Torkmen, Jamel Ammar, Saloua Belkhamza Jameleddine, Agnes Hamzaoui, Speaker to be confirmed

**GST genes defects contribution into asthma phenotypes characteristics in children**

Mary Kuropatenko, Natalia Platonova, Zarrina Azamova, Elizaveta Agapova, Ludmila Zhelenina, Speaker to be confirmed

**Lung clearance index in asthmatic patients**

Luigi Lubrano, Sonia Volpi, Elisa Andreatta, Antonella Borruso, Elena Spinelli, Corrado Vassanelli, Ugo Pradal, Ciro D'Orazio, Speaker to be confirmed

**Exhaled nitric oxide (FeNO) levels to guide treatment for children with asthma: A Cochrane systematic review**

Helen Petsky, Kayleigh Kew, Catherine Turner, J. Anne Kynaston, Anne Chang, Speaker to be confirmed

**Exacerbations after stepping down medication in children with well-controlled asthma: predictive value of spirometry and nitrite/nitrate concentration and pH in exhaled breath condensate**

Magdalena Vocos, Andrea Dugour, Marcela Roque, Doris Primrose, Carlos Velasco Suarez, Gimena Donth, Carlos Oliva, Anahi Kruger, Ana Balanzat, Juan Manuel Figueroa, Speaker to be confirmed

**The virtual asthma clinic: Description and analysis of website-use**

Lara van den Wijngaart, Judith Geldtmeijer, Jolt Roukema, Annemie Boehmer, Marianne Brouwer, Cindy Hugen, Titia Niers, Arwen Sprij, Noor Rijkers-Mutsaerts, Bart Rottier, Chris Verhaak, Marielle Pijnenburg, Peter Merkus, Speaker to be confirmed

**Small airway dysfunction and its role in pediatric asthma control assessment**

Olaia Sardon, Garazi Azaldegui, Paula Corcuera, Ane Aldasoro, Jose I. Empananza, Javier Mintegui, Javier Korta, Eduardo G. Pérez-Yarza, Speaker to be confirmed

**Results of cluster analysis in predicting remodeling of the bronchi in children with bronchial asthma**

Elena Koloskova, Galyna Bilyk, Tatyana Bilous, Speaker to be confirmed

**Study of the correlations between FENO and atopic status, blood eosinophils, FCER2 mutation, and asthma control in Vietnamese children**

Hanh Nguyen Thi Bich, Huong Duong Thi Ly, Thom Vu Thi, Nhung Pham Thi Hong, Long Dinh Doan, Timothy J. Craig, Huong Le Thi Minh, Sy Duong-Quy, Speaker to be confirmed

**Variability of sputum inflammatory phenotypes in children with asthma**

Tetiana Umanets, Yuri Antipkin, Volodymyr Lapshyn, Tamara Zadorozhna, Olga Pustovalova, Alla Nakonechna, Speaker to be confirmed

**Carboxyhemoglobin as a marker for chronic carbon monoxide exposure in school-age children with persistent asthma**

Jelena Lalic, Jasna Lalic, Maja Slavkovic-Jovanovic, Milanka Ljubenic, Speaker to be confirmed

**Prediction of asthma control and treatment changes in obstructive asthmatic children**

Fatma Lacin, Thi Lan Thanh Nguyen, Corinne Alberti, Nicole Beydon, Speaker to be confirmed

12:50 - 14:40

**Thematic Poster: Living with asthma around the globe****Chairs :****Impact of health care providers on quality of life of families with asthmatic children (PACQLQ) over time: 4 year follow-up**

Shahid Sheikh, Judy Pitts, Nancy Ryan-Wenger, David Stukus, Karen McCoy, Speaker to be confirmed

**Evaluation of asthma control among children in the Maghreb and sub-Saharan Africa**

Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed

**Correlation between meteo-climatological factors and asthma exacerbation among children: A prospective study**

Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed

**Pulmonary hemodynamics and respiratory function associations in children with bronchial asthma**

Oleksandr Onikienko, Margaryta Gonchar, Valentyn Polyakov, Oksana Tsyura, Speaker to be confirmed

**Factors associated with childhood asthma control in a resource-poor centre**

Bankole Peter Kuti, Kehinde Oluyori Omole, Demilade Kehinde Kuti, Speaker to be confirmed

**Risk factors for emergency re-attendance for acute childhood asthma in the city of Esmeraldas, Ecuador**

Cristina Ardura-Garcia, Erick Arias, Paola Hurtado, Carlos Sandoval, Phil Cooper, John Blakey, Speaker to be confirmed

**A cross-sectional study on quality of life in children with specified and unspecified asthma**

Vaida Taminskiene, Egle Vaitkaitiene, Arunas Valiulis, Speaker to be confirmed

**Defining uncontrolled childhood asthma in the global PiCA consortium**

Niloufar Farzan, Susanne J. Vijverberg, Anand K. Andiappan, Natalia Blanca-Lopez, Klaus Bønnelykke, Paloma Campo, Glorisa Canino, Bruce Carleton, Juan C. Celedón, Fook Tim Chew, Michelle M. Cloutier, Denise Daley, Nicole Dijk, Liesbeth Duijts, Carlos Flores, Erick Frono, Daniel B. Hawcutt, Michael Kabesch, Gerard H. Koppelman, Vangelis G. Manolopoulos, Erik Melé, Somnath Mukhopadhyay, Sara Nilsson, Colin N. Palmer, Maria Pino-Yanes, Munir Pirmohamed, Uros Potocnik, Jan A. Raaijmakers, Katja Repnik, Maximilian Schieck, Rosalind Smyth, Patricia Soares, Csaba Szalai, Kelan G. Tantisira, Stephen Turner, Marc P. van der Schee, Katia M. Verhamme, Anke H. Maitland-van der Zee, Speaker to be confirmed

**Internet use among parents of asthmatic children in Morocco**

Bousayna Iraqi, Chafiq Mahraoui, Speaker to be confirmed

**Early life wheeze clusters in the Isle of Wight birth cohort**

Ramesh J. Kurukulaaratchy, Hongmei Zhang, Claire Hodgekiss, S. Hasan Arshad, Speaker to be confirmed

**Prevalence of allergic diseases in children living in rural and urban areas in Turkey**

Ersoy Civelek, Yasemin Gökdemir, Banu Cakir, Ahmet Ugur Demir, Can Naci Kocabas, Bulent Karadag, Fazilet Karakoc, Refika Ersu, Speaker to be confirmed

**Frequency of prevalence vocal cord dysfunction among patients with uncontrolled asthma in Vinnitsa region of Ukraine**

Kostiantyn Dmytriiev, Katilov Olexandr, A.O. Lobodiuk, Bulat Leonid, I.M. Koroleva, Speaker to be confirmed

**Response to bronchodilators in school children with asthma and normal FEV1**

Aleksandar Kamenov, Svetlana Kamenov, Milan Tosic, Ivana Vidanovic, Borislav Kamenov, Speaker to be confirmed

**Asthma phenotypes in children: Allergic versus non allergic**

Seyed Alireza Mahdavian, Seyed Amir Mohajerani, Mohammad Fakhri, Mazaher Ebrahimi Ebrahimi, Ali Akbar Velayati, Speaker to be confirmed

**Analysis of risk factors in children with asthma exacerbations treated at the National Institute of Respiratory Diseases <sup>2</sup>Ismael Cosío Villegas<sup>2</sup> (INER)**

Angel Isaac Gomez Jacome, Claudia Garrido Galindo, Jose Ivan Rodriguez De Molina, Myrna Raquel Ibarra Gomez, Rogelio Ramses Hernandez Pliego, Speaker to be confirmed

**Temporal trends in asthma and asthma-like symptom prevalence in Skopje, The Republic of Macedonia**

Emilija Vlashki, Valentina Cvejaska Colakovska, Tara Ristevska, Mica Kimovska, Lidija Seckova, Vesna Micevska, Joshua Lawson, Speaker to be confirmed

13:00 - 14:30

**Educational forum: Recertification of respiratory professionals: current practice and the future****Aims :** To discuss the upcoming trends and challenges in recertification for respiratory professionals; to learn from best practices in different countries.**Target audience :** Pulmonologist, Educationalist, Clinician, Epidemiologist, General practitioner, Fellow, Junior member, Nurse, Oncologist, Paediatrician, Pathologist, Respiratory physician, Resident, Physiotherapist, Thoracic endoscopist, Thoracic surgeon, Sleep specialist/technologist, Respiratory therapist**Chairs :****13:00 Definition and importance**  
Carolyn Sehlbach (Maastricht, Netherlands)

**13:20**      **Recertification in practice across the world**  
Frank W.J.M. Smeenk (Eindhoven, Netherlands), Luis Pérez de Llano (Lugo, Spain), Akihito Yokoyama (Kochi, Japan), Speaker to be confirmed

**14:00**      **Panel discussion**  
Frank W.J.M. Smeenk (Eindhoven, Netherlands), Luis Pérez de Llano (Lugo, Spain), Akihito Yokoyama (Kochi, Japan), Speaker to be confirmed

13:00 - 14:30

### Lunchtime session: Should we start screening programmes in Europe review of current scientific evidence

**Aims :** The session aims at presenting the latest data in this field both concerning capacity to early diagnose cancers, to discuss and aggregate apparent divergent results from different trials, possible harms related to the screening and diagnosis process and the different approaches concerning the imaging modalities.

**Track(s) :** Oncology

**Target audience :** Clinicians, Surgeons, Radiation Oncologists, Epidemiologist, General practitioners, Nurses

**Chairs :** Georgia Hardavella (London, United Kingdom), Chair to be confirmed

**13:00**      **Two dimensional vs three dimensional analysis of nodules detected during screening**  
Martine Remy-Jardin (Lille, France)

**13:22**      **How to deal with the detected nodule ?**  
Speaker to be confirmed

**13:44**      **The results of the NELSON trial**

**14:06**      **What are the current recommendation for screening and which one should we implement**  
Speaker to be confirmed

13:00 - 14:30

### Lunchtime session: Early life origins of asthma and COPD ERS/NEJM Lunchtime session

**Aims :** The aim of this lunchtime is to present how microbial and environmental exposures in early life modify the risk of developing asthma and COPD.

**Target audience :** MISSING

**Chairs :** Chair to be confirmed

**13:00**      **How microbial and environmental exposures in early life modify the risk of developing asthma and COPD**  
Urs Frey (Basel, Switzerland)

**13:30**      **Links between childhood and adult airway obstruction**  
Andrew Bush (London, United Kingdom)

**14:00**      **What are the common biologies that lead to obstructive airway disease?**  
Speaker to be confirmed

13:00 - 14:30

### Lunchtime session: Do we really need PD1/PD-L1 status and next generation sequencing to treat lung cancer?

#### Pro/con discussions

**Aims :** Currently, immunooncology almost revolutionizes the treatment of various cancer types, especially lung cancer. Moreover, encouraging preliminary data is available for mesothelioma. These entities respond to PD-1 and PD-L1 inhibition. In addition, more and more targeted agents for the lung cancer therapy are available, beyond tyrosine kinase blockade of mutated EGFR and rearranged ALK. Not to forget Next Generation Sequencing (NGS), allowing detecting many dozens mutations at once.

The provocative question from the clinical standpoint, however, remains: Is detailed molecular testing essential to treat patients with these drugs?

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Chairs :** Joanna Chorostowska-Wynimko (Warsaw, Poland), Chair to be confirmed

- 13:00**      **Is PD1/PD-L1 Resting ready for clinical practise? Pro**  
Celine Mascaux (Brussels, Belgium)
- 
- 13:22**      **Is PD1/PD-L1 Resting ready for clinical practise? Con**  
Rainer G. Wiewrodt (Münster, Germany)
- 
- 13:44**      **Is Next Generation Sequencing Resting (NGSR) ready for clinical practise? Pro**  
Joanna Chorostowska-Wynimko (Warsaw, Poland)
- 
- 14:06**      **Is Next Generation Sequencing Resting (NGSR) ready for clinical practise? Con**  
Speaker to be confirmed

13:00 - 14:30

**Lunchtime session: GOLD: novel approaches to COPD assessment and management**

**Aims :** The aim of this lunchtime is to provide information on new developments regarding definition and assessment, evaluation and treatment of comorbidities, and definition, treatment and prevention of exacerbations.

**Tag(s) :** Clinical

**Target audience :** Clinicians, nurses.

**Chairs :** Alvar Agusti Garcia-Navarro (Barcelona, Spain), Claus Vogelmeier (Marburg, Germany)

- 13:00**      **Defintion and assessment of COPD**  
Speaker to be confirmed
- 
- 13:30**      **Evaluation and treatment of comorbidities**  
Leonardo Michele Fabbri (Modena, Italy)
- 
- 14:00**      **Definition, treatment and prevention of exacerbations**  
Wisla Wedzicha (London, United Kingdom)

13:00 - 14:00

**Patient forum: Communicating the impact and risk of air pollution to respiratory patients**

**A joint ELF/ERS session**

**Aims :** To look at the ways in which healthcare professionals can best relay information to respiratory patients about the many issues surrounding air quality and lung health; to investigate the best way to communicate the dangers and the risks to make sure that patients are well informed and ready to take the most appropriate action.

**Target audience :** Pulmonologists, Emergency medicine doctors, Nurses, Respiratory therapists, Respiratory physicians, Clinical researchers, General practitioners, Trainees, Paediatricians and Allied Health Professionals.

**Chairs :** Chair to be confirmed

13:00 - 14:30

**ERS General Assembly and Council: ERS General Assembly and Council Meeting**

**Chairs :** Jørgen Vestbo (Manchester, United Kingdom)

14:45 - 16:45

**Symposium: The future of tyrosin kinase inhibitors**

**Aims :** To describe the present and forthcoming tyrosine kinase inhibitors (TKIs) and their indications as well as to portray future developments up-to-the-minute.

**Track(s) :** **Oncology**

**Tag(s) :** Clinical

**Chairs :** Rudolf M. Huber (Munich, Germany), Thierry Berghmans (Brussels, Belgium), Chair to be confirmed

- 14:45**      **Understanding the mechanisms of TKIs: the cycle of inhibition and resistance**  
Rafael Rosell (Barcelona, Spain)
- 
- 15:15**      **The future generations of TKIs**  
Jacques Cadranel (Paris, France), Speaker to be confirmed
- 
- 15:45**      **Non-invasive detection of molecular abnormalities in blood**  
Speaker to be confirmed
- 
- 16:15**      **Re-purposing TKI treatment**  
Martin Kolb (Hamilton, Canada)



14:45 - 16:45

## Symposium: Future challenges in pulmonary arterial hypertension

### An ERS/ESC, and Patient Organisation PAH Europe joint symposium

**Aims :** This symposium will explore the remaining gaps of knowledge in the field of PAH. The current understanding of PAH, as reflected by the guidelines, will be described. Areas of uncertainty, research priority, and opportunities will be presented from the perspective of a clinician, a patient, and a scientist. Finally, a global perspective will be presented.

**Track(s) :** **Physiology**

**Tag(s) :** Clinical

**Chairs :** Marc Humbert (Paris, France), Heinrike Wilkens (Homburg/Saar, Germany)

**14:45**      **The clinical perspective**  
Anton Vonk Noordegraaf (Amsterdam, Netherlands)

**15:11**      **The patient's perspective**  
Pisana Ferrari (Milan, Italy)

**15:37**      **The scientific perspective**  
Werner Seeger (Giessen, Germany)

**16:03**      **The global perspective**  
Rogério De Souza (Sao Paulo, Brazil)

**16:30**      **Patient's testimonial**

14:45 - 16:45

## Symposium: Living and dying with lung disease

### Communication and palliative care in end-stage lung disease

**Aims :** Meeting the physical, psychological, social, and spiritual needs of people living with very severe life-limiting respiratory disease is a challenge. Effective communication is essential, regardless of whether we are supporting a severely disabled patient with COPD struggling to maintain their independence at home, discussing the possible wishes of a patient for ventilation, or seeking to relieve intractable breathlessness. The speakers will address all these challenges after we have heard the narratives of people living and dying with lung disease.

**Tag(s) :** Clinical

**Target audience :** All professionals who care for people with severe life-limiting lung disease

**Chairs :** Patrick T White (London, United Kingdom), Georgia Narsavage (Morgantown, United States of America)

**14:45**      **The Dance of Death: comparing the perceptions of end-of-life in different conditions and the implications for healthcare services**  
Scott Murray (Edinburgh, United Kingdom)

**15:11**      **Talking about dying: communication with people living with and dying from severe lung disease**  
Carmen Houben (Horn, Netherlands), Speaker to be confirmed

**15:37**      **Holistic management of breathlessness**  
Bettina Korn (Dublin, Ireland)

**16:03**      **Difficult decisions, challenging communication: the role of respiratory intensive care in people living and dying with very severe lung disease**  
Stefano Nava (Bologna, Italy)

**16:30**      **Patient's testimonial**

14:45 - 16:45

## Symposium: Transition to adult care: what we can learn from cystic fibrosis?

**Aims :** To highlight the important area of transition of adolescents/young persons with a chronic lung disorder from paediatric to adult healthcare services. This age group is notoriously difficult to manage and cystic fibrosis healthcare professionals have a lot of experience that can be applied to other chronic lung conditions. The symposium will discuss adolescent healthcare and what research has been done and what still needs to be done to improve it. We will then concentrate on how to help the families - especially parents - to deal with the massive shift into adult care, focusing on psychological needs. We will then discuss rare conditions, and how best to deal with a situation where often adult physicians have not seen cases before, or where the patient does not fit well into a specialist category. Finally we will hear results from the joint ECFs/ERS taskforce on adult cystic fibrosis care in Europe.

**Track(s) :** Infection Paediatric**Tag(s) :** Clinical**Target audience :** Clinician, Fellow, General practitioner, Junior member, Paediatrician, Patient, Pharmaceutical industry representative, Pulmonologist, Researcher, Resident, Respiratory physician, Scientist, Student, Trainee, Allied health professional, Nurse**Chairs :** Ian Balfour-Lynn (London, United Kingdom)**14:45**      **Problems of adolescent healthcare: can research help us?**  
Donald Payne (Nedlands, Australia)**15:15**      **Psychological preparation of the family**  
Lutz Goldbeck (Ulm, Germany)**15:45**      **Transition of rare pulmonary diseases**  
Colin Wallis (London, United Kingdom)**16:15**      **Care of adults with cystic fibrosis**  
Francesco Blasi (Milan, Italy)

14:45 - 16:45

**Hot topics: Molecular phenotyping of severe asthma  
the role of consortia in driving personalised medicine****Aims :** The aims of this session are to describe how severe asthma consortia have improved our knowledge of how molecular phenotypes may be linked to clinical features; define how severe asthma phenotypes various across the globe; and outline how integration of data across consortia will enable better drugs for selected patients.**Tag(s) :** Translational**Chairs :** Kian Fan Chung (London, United Kingdom), Mona Bafadhel (Oxford, United Kingdom)**14:45**      **SARP: redefining our knowledge of severe asthma**  
Sally Wenzel (Pittsburgh, United States of America)**15:15**      **Novel aspects of severe asthma from BIOAIR**  
Sven-Erik Dahlén (Stockholm, Sweden)**15:45**      **Severe asthma in Asia: insight into phenotypes**  
Tae-Bum Kim (Seoul, Republic of Korea)**16:15**      **Data integration: the way to personalised treatment in severe asthma**  
Peter J. Sterk (Amsterdam, Netherlands)

14:45 - 16:45

**Hot topics: Genetics, epigenetics and exposome  
how to integrate different layers of biological information****Aims :** It has become clear that genetics do not explain all the inheritance associated with asthma and COPD and that environmental exposures such as cigarette smoking and air pollution can affect the susceptibility and severity of airways disease. The effects of environmental exposures occur at various stages of development including the perinatal period, childhood and adulthood. One factor that links these seemingly disparate processes is epigenetics. Epigenetic mechanisms contribute to gene regulation, and may mediate associations between SNPs and disease as found in different types of studies that focus on genetic susceptibility for specific exposures. The measurement of environmental exposures in genetic and epigenetic studies has shifted from standardised methodology to exposomics, which is considered to represent the totality of exposures received by a person during life, thus offering an unbiased approach for investigating the environmental causes of chronic diseases like asthma and COPD. The concept and applicability of (studies on) interactions between genetics, epigenetics and exposomics, will be subject of this hot topic. Examples of intergrating multiple layers of biological data in relation to respiratory disease will be shown.**Track(s) :** Epidemiology / Environment Paediatric**Tag(s) :** Translational**Chairs :** Torben Sigsgaard (Aarhus, Denmark), Ian M. Adcock (London, United Kingdom)**14:45**      **Exposomics: introduction of the concept and the role of exposures from conception to adolescence and later with adults**  
Speaker to be confirmed**15:15**      **Implications of the exposome and its applicability in clinical and epidemiological studies**  
Stephen Rappaport (Berkeley, United States of America)**15:45**      **Altered DNA methylation levels in the context of exposures and respiratory disease**

**16:15 Intergrating genetic and epigenetic information in relation to COPD**  
Speaker to be confirmed

14:45 - 16:45

### Hot topics: Noninvasive ventilation versus high-flow nasal therapy for hypoxemic patients

**Aims :** At the end of this session, the audience will understand the physiological effects of applying NIV or HFNT; its advantages and limitations; and criteria to how and when apply HFNT.

**Tag(s) :** Clinical

**Target audience :** Clinicians, surgeons, physiotherapists, residents and nurses.

**Chairs :** Cesare Gregoretti (Turin, Italy), Chair to be confirmed

**14:45 The physiological effects of NIV and HFNT: HFNT is not continuous airway pressure**  
Speaker to be confirmed

**15:15 HFNT in acute "denovo" hypoxiemic patients**  
Speaker to be confirmed

**15:45 High-flow nasal oxygen versus noninvasive positive airway pressure after surgery**  
François Stephan (Plessis-Le-Robinson, France)

**16:15 HFNT or NIV in hypoxiemic patients after extubation in intensive care unit**  
Salvatore Maggiore (Chieti, Italy)

14:45 - 16:45

### Session: Respiratory infectious disease control in Europe

#### ERS/ECDC joint session

**Aims :** This symposium will highlight and discuss new developments in respiratory infectious disease prevention and control in Europe with a special attention on migration and refugees from Near- and Middle-East and Africa, including tuberculosis, influenza, and other chronic respiratory diseases. The specific objectives are to inform the audience about the epidemiology of respiratory infectious diseases, and present and discuss new guidance for the prevention and control of respiratory infectious diseases.

**Track(s) :** **Epidemiology / Environment** **Infection**

**Target audience :** Allied health professional, Clinician, Epidemiologist, Fellow, General practitioner, Junior member, Microbiologist, Nurse, Paediatrician, Patient, Public health official, Pulmonologist, Researcher, Respiratory physician, Scientist, TB specialist, Trainee

**Chairs :** Nicolas Schönfeld (Berlin, Germany), Giovanni Sotgiu (Porto Torres, Italy), Chair to be confirmed

**14:45 Tuberculosis in refugees from Near- and Middle-East**  
Speaker to be confirmed

**15:15 Interventions and service models for the most at risk of tuberculosis, including refugees**  
Marieke van der Werf (Stockholm, Sweden), Speaker to be confirmed

**15:45 Pneumonia among refugees and combined vaccination strategy**  
Speaker to be confirmed

**16:15 Impact of the paediatric influenza vaccination programmes**  
Speaker to be confirmed

14:45 - 16:00

### Session: Becoming a successful young researcher in an era of opportunities

#### Session organised by the ERS Early Career Member Committee (ECMC)

**Aims :** The aims of this session are to present the relevant work of ERS Early Career Member Committee and explain how the Early Career Member Committee can support junior investigators and clinicians in the development of their research profile, projects and collaborations; to help the audience understand how to prioritise relevant research questions; to discuss how to focus your early research career, and to show what the Early Career Member Committee of ERS, EAACI and CTS can mean for the early career researcher and clinician.

This session is followed by the ERS Career Development Session.

**Target audience :** Aimed at early-career researchers of all assemblies, although the input from more fellows and other experienced researchers in an active discussion is of course also more than welcome.

**Chairs :** Agnes Boots (Maastricht, Netherlands), Jørgen Vestbo (Manchester, United Kingdom)

**14:45 ERS Early Career Member Committee: how can we support early career researchers?**  
Agnes Boots (Maastricht, Netherlands)

- 15:00**     **How to prioritise relevant research questions**  
Olympia Tsilochristou (Athens, Greece)
- 
- 15:15**     **Difficult choices: how to focus your early research career**  
Songmin Ying (Hangzhou, China)
- 
- 15:30**     **Gapping the bridge between being a junior researcher and becoming an ERS Fellowship recipient**  
Alexander Mathioudakis (Liverpool, United Kingdom)
- 
- 15:45**     **Panel discussion led by Prof. J. Vestbo and introduction to the ERS Career Development Fellowship session.**

14:45 - 16:45

**Poster Discussion: Biomarkers and phenotypes of COPD and comorbidities****Chairs :****Role of serum and tissue vascular remodeling markers in bone loss related to end-stage COPD**

Ludmila G. Ugay, Evgenia A. Kochetkova, Vera A. Nevzorova, Yuliya V. Maistrovskaia, Speaker to be confirmed

**Identification of clinical phenotypes in patients with and without COPD using cluster analysis**

Miguel Divo, Ciro Casanova, Jose M. Marin, Bartolome Celli, Juan Pablo de Torres, Francesca Polverino, Rebeca Baz, Elizabeth Cordoba-Lanus, Victor Pinto-Plata, Speaker to be confirmed

**Relationship between blood eosinophil count (Eos), clinical characteristics and mortality of patients with COPD**

Maeva Zysman, Pierre Regis Burgel, Jean Louis Paillasseur, Pascal Chanez, Denis Caillaud, Roger Escamilla, Isabelle Court Fortune, Pascal Nesme Meyer, Graziella Brinchault Rabin, Gaetan Deslee, Thierry Perez, Christophe Pinet, Nicolas Roche, Speaker to be confirmed

**Association between adipokines, inflammatory markers and systemic manifestations in chronic obstructive pulmonary disease (COPD) patients**

Carolina Mesquita, Robson Prudente, Laura Caram, Caroline Knaut, Estefânia Franco, Duelene Ludimila Nogueira, Liana Coelho, Irma Godoy, Suzana Minamoto, Speaker to be confirmed

**Hypogonadism as a factor influencing health condition in COPD patients**

Renata Rubinsztajn, Tadeusz Przybylowski, Marta Maskey-Warzechowska, Krzysztof Kartwat, Ryszarda Chazan, Speaker to be confirmed

**Endothelial dysfunction in patients with chronic obstructive pulmonary disease and concomitant arterial hypertension and its correction by telmisartan plus amlodipine fixed combination**

Laura Bolieva, Speaker to be confirmed

**Prevalence and clinical correlates of patient-reported autonomic symptoms among subjects with COPD**

Jibril Mohammed, Eric Derom, Jessica Van Oosterwijck, Hellen Da Silva, Patrick Calders, Speaker to be confirmed

**Can coronary artery calcium score (CACs) be valuable in early diagnosis of coronary artery disease in COPD patients?**

Sinem Ozyilmaz, Fethi Alisir, Osman Akin Serdar, Esra Uzaslan, Speaker to be confirmed

**Assessment of lung volumes and capacities in bronchodilator reversibility changes of hyperinflation of COPD**

Wafaa Gadallah, Atef Farouk, Abd Elazeem Aboelfadl, Manal Alkhawaga, Speaker to be confirmed

**The functional state of the diaphragm in COPD patients with hypoxemia**

Vladimir Volchkov, Olga Titova, Darya Sklyarova, Natalia Kusubova, Speaker to be confirmed

**Long-term survival according to Czech clinical phenotypes of COPD- Czech multicentre research database of severe COPD**

Marek Plutinsky, Barbora Novotna, Patrice Popelkova, Zatloukal Jaromir, Vladimir Koblizek, Karek Hejduk, Michal Svoboda, Speaker to be confirmed

**Eosinophilic versus non-eosinophilic COPD cannot be distinguished by lung function nor CT determined emphysema or airway remodelling**

Leena George, Chris Newby, Sumit Gupta, Deepak R. Subramanian, David G. Parr, Timm Greulich, Dave Singh, Loems Ziegler-Heitbrock, Chris Brightling, Speaker to be confirmed

**Blood eosinophils and outcomes in COPD**

Jose M. Marin Trigo, Maria Martinez, Pablo Cubero, Marta Forner, Marina Saetta, Manuel G. Cosio, Speaker to be confirmed

**Concordance among GOLD, NICE and LLN criteria in the spirometry diagnosis of airflow obstruction**

Javier Juan Garcia, Silvia Garcí a Garcí a, Luis Carazo Ferná ndez, Jose Cesá reo Naveiro Rilo, Francisco Martí nez Garcí a, Jose Luis Palomo Garcí a, Elena Bollo de Miguel, Florentino Dí ez Ferná ndez, Speaker to be confirmed

**Comparison of CT scan-measured pulmonary artery to aorta ratio of combined pulmonary fibrosis and emphysema (CPFE) and COPD**

Etsuko Tagaya, Sayo Fujimoto, Ayako Kubo, Akitoshi Sato, Osamitsu Yagi, Kiyoshi Takeyama, Mitsuko Kondo, Jun Tamaoki, Speaker to be confirmed

**The characteristic of chronic renal dysfunction in patients with chronic obstructive pulmonary disease**

Anna Dudnikova, Elena Bolotova, Speaker to be confirmed

**Is chronic patient's illness behavior similar in the case of different diseases?**

Yanina Galetskayte, Svetlana Ovcharenko, Beatrice Volel, Dmitriy Pushkarev, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Transbronchial diagnostics: from ILD to peripheral lesions****Chairs :****Visualization and quantification of the alveolar compartment of ILD by OCT imaging**

Lizzy Wijmans, Daniel M. de Bruin, Peter I. Bonta, Rene E. Jonkers, Joris J.T.H. Roelofs, Inge H.A. van den Berk, Jouke T. Annema, Speaker to be confirmed

**Safety and diagnostic yield of transbronchial cryobiopsy**

Thitiwat Sriprasart, Alex Aragaki, Sadia Benzaquen, Speaker to be confirmed

**Diagnosing Interstitial lung diseases via cryobiopsy in rigid bronchoscopy: Preliminary results**

Marta Cuyas Cortadellas, Filiz Oezkan, Eda B. Boerner, Thomas E. Wessendorf, Lutz Freitag, Thomas Hager, Francesco T. Bonella, Juergen Hetzel, Ulrich Costabel, Kaid Darwiche, Speaker to be confirmed

**Transbronchial cryobiopsy in the diagnosis of the idiopathic interstitial pneumonias**

Maria Asuncion Macia Palazon, Borja G. Cosí o, Ernest Sala, Federico Fiorentino, Alberto Alonso, Belé n Nú ñ ez, Javier Verdú , Jaime Rodrí guez, Jaime Saulea, Speaker to be confirmed

**Video assisted medical thoracoscopy(VAMT) hot versus cold lung biopsy in diffuse lung diseases**

Tamer Ali El-Hadidy, Abdelhadi mohamed Shebl, Speaker to be confirmed

**Genetic mutations in transbronchial lung biopsy of peripheral lesions**

Walther Ivan Giron Matute, Ricardo Garcia-Lujan, Nuria Arenas Valls, Roberto Larrosa-Barrero, Antolina Gómez-López, Eduardo De Miguel Poch, Speaker to be confirmed

**Comparison of radial mini probe endobronchial ultrasound with and without virtual bronchoscopic navigation to sample peripheral pulmonary lesions; a retrospective analysis**

Badar Ganaie, Nicholas Denny, Janet Mills, Mohammed Munavvar, Speaker to be confirmed

**Should CT-guided biopsy for suspected lung cancer be delayed pending PET/CT results?**

Paul Griffiths, Joanne Heaton, Sarah Claxton, Speaker to be confirmed

**Safety of a new "all in one" 3D device for fiducial tumor marking: A pilot animal study**

Bruno Escarguel, Javier Flandes, Jean Baptiste Paoli, Olivier Monnet, Julien Legodec, Clément Fournier, Jean Michel Vergnon, Speaker to be confirmed

**Virtual bronchoscopic navigation without X-ray fluoroscopy to diagnose peripheral pulmonary lesions: A randomized trial**

Fumihiko Asano, Takashi Ishida, Naofumi Shinagawa, Noriaki Sukoh, Masaki Anzai, Kenya Kanazawa, Tsuzuku Akifumi, Satoshi Morita, Speaker to be confirmed

**Comparison between thick and thin bronchoscopes for diagnosis of peripheral pulmonary lesions**

Kohei Okafuji, Atsushi Kitamura, Hiroshi Nakaoka, Ryosuke Tsugitomi, Tomoyuki Tanigawa, Yutaka Tomishima, Torahiko Jinta, Naoki Nishimura, Tomohide Tamura, Naohiko Chonabayashi, Speaker to be confirmed

**Transbronchial cryobiopsy guided by radial probe-endobronchial ultrasound (RP-EBUS) in the diagnosis of peripheral lung lesions. Initial experience**

Eli Nancy Perez Rodas, Felipe Andreo, Jose Luis Mate, Mohamed Torky, Carmen Centeno, Enric Carcereny, Pere Serra, José Sanz, Carlos Martí nez Barenys, Caroline Becker, Juan Ruiz Manzano, Speaker to be confirmed

**Virtual bronchoscopic navigation: advantages and limitations for the diagnosis of peripheral pulmonary lesions**

Jane Winantea, Stephan Eisenmann, Kaid Darwiche, Speaker to be confirmed

**Hot saline thermoablation of peripheral non small cell lung cancer safety and efficacy; a feasibility study**

Mohammad K. El Badrawy, Mohsen El-Shafey, Asem Hewidy, Mohamed Tohlob, Fatma Akl, Mohamed Ebrahim, Speaker to be confirmed

**Diagnostic result and cost of ultrasound-guided percutaneous puncture in peripheral lung lesions made by pulmonologists**

Aurelio Wangüemert Pérez, Héctor Manuel González Expósito, Ana Martín Medina, Agustín Medina González Ivez, Speaker to be confirmed

**Diagnostic yield of fluoroscopy-guided transbronchial biopsy in peripheral lung lesion: Adequacy of transbronchial sample for tumor genotyping**

Stefano Baglioni, Gaetano Cicchitto, Fabrizio Mezzasalma, Elvio Scoscia, Maurizio Dottorini, Speaker to be confirmed

**Radial EBUS guided TBNA for diagnosis of peripheral lung lesions**

Maciej Gnass, Artur Szlubowski, Jerzy Soja, Lucyna Rudnicka, Piotr Kocon, Jaroslaw Kuzdzal, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Mechanisms of disease**

Chairs :

**Legionella pneumophila-derived outer membrane vesicles promote bacterial replication in macrophages**

Anna Lena Jung, Cornelia Stoiber, Christina Herkt, Christine Schulz, Wilhelm Bertrams, Bernd Schmeck, Speaker to be confirmed

**MAPKAP kinase 2(MK2) expression is associated with severe asthma**

Geoffrey Chupp, Xiting Yan, Vera Nezgovorova, Nicole Grant, Williamson Bradford, Colleen Brophy, Lauren Cohn, Speaker to be confirmed

**Investigating tnsin1 expression and the presence of SNP identified in GWAS in COPD**

Panayiota Stylianou, Katherine Clark, Peter Bradding, Speaker to be confirmed

**Differential effect of fluticasone on Poly(I:C) induced TSLP secretion by bronchial epithelial cells from asthmatic children**

Ania Carsin, Jean-Christophe Dubus, Julie Mazenq, Céline Garulli, Jacques De Blic, Pascal De Lagausie, Pascal Chanez, Delphine Gras, Speaker to be confirmed

**Therapeutic neutralization of the matrikine PGP suppresses the development of lung emphysema in cigarette smoke exposed mice**

Mojtaba Abdul Roda, Xin Xu, Tarek Abdalla, Mariam Sadik, Preston Batcher, Tomasz Szul, Patricia Jackson, Liliana Viera, George Solomon, Michael Wells, Carmel McNicholas, Daniel Sullivan, Frank Redegeld, Gert Folkerts, Amit Gaggar, Edwin Blalock, Speaker to be confirmed

**DP2/CRTh2 is expressed by ASM cells in asthma and its inhibition suppresses ASM migration**

Ruth Saunders, Michael Biddle, Adam Wright, Latifa Chachi, Amanda Sutcliffe, Rachid Berair, Christopher Brightling, Speaker to be confirmed

**Airway smooth muscle contractility is increased following coculture with fibrocytes**

Ruth Saunders, Davinder Kaur, Fay Hollins, Andrew Wardlaw, Peter Bradding, Christopher Brightling, Speaker to be confirmed

**Steroid resistance in COPD is associated with impaired molecular chaperone HSP90 expression by pro-inflammatory lymphocytes**

Greg Hodge, Jersmann Hubertus, Hai Tran, Eugene Roscioli, Mark Holmes, Paul Reynolds, Sandra Hodge, Speaker to be confirmed

**Sputum levels of miR-145 and miR-338 in COPD, asthma and ACOS subjects**

Donato Lacedonia, Grazia Pia Palladino, Maria Pia Foschino Barbaro, Cristina Colanardi, Piera Soccio, Incoronata Caccavo, Giovanna E. Carpagnano, Speaker to be confirmed

**Altered scavenger receptor expression and response to oxidative stress is linked to defective bacterial phagocytosis in COPD macrophages**

Kylie Belchamber, Peter Barnes, Louise Donnelly, Speaker to be confirmed

**Micro-RNA-125a/b target A20 and MAVS to promote inflammatory and impair antiviral responses in chronic obstructive pulmonary disease**

Peter Wark, Alan Hsu, Malcolm Starkey, Phil Hansbro, Speaker to be confirmed

**Deriving type II alveolar cells from pluripotent stem cells to produce a novel model of alpha-1 antitrypsin deficiency pathogenesis**

Killian Hurley, Anjali Jacob, Dylan Thomas, Finn Hawkins, Andrew Wilson, Darrell Kotton, Speaker to be confirmed

**Mesenchymal knockout of Tgf-b1 impairs lung branching morphogenesis and induces lung hypoplasia in mice**

Gianluca Turcatel, Katelyn Millette, Stephanie Leguizamon, Wei Shi, David Warburton, Speaker to be confirmed

**Increased expression of a proliferation-inducing ligand (APRIL) in lung leukocytes and alveolar epithelial cells in COPD patients with non small cell lung cancer: A possible link between COPD and lung cancer?**

Francesca Polverino, Maria Lauchó-Contreras, Joselyn Rojas Quintero, Miguel Divo, Victor Pinto-Plata, Lynette Sholl, Juan P. de Torres, Bartolome Celli, Caroline Owen, Speaker to be confirmed

**T lymphocytes in cigarette-smoke induced emphysema and bronchial remodelling**

Giuseppe Lungarella, Giovanna De Cunto, Benedetta Lunghi, Barbara Bartalesi, Eleonora Cavarra, Silvia Fineschi, Cristina Ulivieri, Monica Lucattelli, Speaker to be confirmed

**Inhibition of asthma-related immunological responses in mast cells and Th2 cell lines by cultured epithelial cell lines**

Timothy Powell, Will Sargent, Rahul Shrimanker, Linda Stoeger, Ian Pavord, Speaker to be confirmed

**High-fat diet in mice leads to amplified ozone-induced airway hyperresponsiveness (AHR), mitochondrial dysfunction and insulin resistance**

Fabiã n Hogema, Ranran Dai, Xiang Li, Christos Rossios, Fan Chung, Ian Adcock, Coen Wiegman, Speaker to be confirmed

**T-cell pathways in lung tissue of patients with advanced COPD and IPF requiring lung transplantation**

Irena Sarc, Mira Silar, Andreas Mitterbauer, Matthias Zimmermann, Hendrik Ankersmit, Matjaz Flezar, Peter Korosec, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Astma and allergy: from risk factors in infancy to mortality****Chairs :****Late-asthma onset and associated factors**

Sara Maio, Sandra Baldacci, Sonia Cerrai, Giuseppe Sarno, Megon Bresciani, Manuela Latorre, Nicola Murgia, Fabrizio Spinozzi, Mariachiara Braschi, Leonardo Antonicelli, Salvatore Battaglia, Lucia Cazzoletti, Barbara Brunetto, Patrizia Iacovacci, Carlo Pini, Mario Pata, Lidia La Grasta, Pierluigi Paggiaro, Giovanni Viegi, Speaker to be confirmed

**Trans-generational effects from farm upbringing on offspring asthma - The RHINESSA study**

Signe Timm, Brittany Campbell, Cecilie Svanes, Morten Frydenberg, Torben Sigsgaard, Mathias Holm, Christer Janson, Lennart Brå ck, Simone Accordini, Bryndis Benediktsdottir, Julia Dratva, Linus Schliö ler, Randi Jacobsen Bertelsen, Ane Johannesen, Jose Luis Sanchez-Ramos, Rain Jogi, Shyamali Dharmage, Vivi Schlü nssen, Speaker to be confirmed

**Persistent allergic sensitization is associated with asthma and rhinitis among adults**

Katja Warm, Helena Backman, Lindberg Anne, Hedman Linnea, Lundbä ck Bo, Rö nmark Eva, Speaker to be confirmed

**Respiratory and allergic phenotypes at two months of birth: The ELFE cohort**

Chantal Raheison-Semjen, Chloe De Sanzberro, Jacques de Blic, Christophe Marguet, Emeline Scherer, Gabriel Reboux, Marie-Christine Delmas, Bé né dicte Leynaert, Steffie Rocchi, Laurence Millon, Marie-Noelle Dufourg, Corinne Bois, Marie-Aline Charles, Speaker to be confirmed

**Validation of self-reported asthma in a generation study**

Ingrid Nordeide Kuiper, Cecilie Svanes, Bryndis Benediktsdottir, Randi Jacobsen Bertelsen, Lennart Brå ck, Shyamali C. Dharmage, Mathias Holm, Christer Janson, Rain Jö gi, Jesús Martí nez Moratalla, Francisco Gó mez Real, José Luis Sá nchez, Vivi Schlü nssen, Signe Timm, Ane Johannesen, Speaker to be confirmed

**Asthma mortality in the UK and member nations between 2001 and 2011**

Mome Mukherjee, Ramyani Gupta, David Strachan, Ceri Phillips, Gwyneth Davies, Aziz Sheikh, Speaker to be confirmed

**Multinational, database cohort study to study mortality and risk factors of mortality in patients with asthma**

Katia M.C. Verhamme, Marjolein Engelkes, Maria de Ridder, Elisabeth Svensson, Klara Berencsi, Daniel Prieto-Alhambra, Francesco Lapi, Carlo Giaquinto, Gino Picelli, Nada Boudiaf, Frank Albers, Sarah Cockle, Eric Bradford, Robert Suruki, Hana Muellerova, Peter Rijnbeek, Miriam Sturkenboom, Speaker to be confirmed

**Influence of diet in infancy on asthma and atopy in young adults**

Sadiyah Hand, Ken Jones, Iolo Doull, Speaker to be confirmed

**LABA safety in actual medical practice: Results from between groups analyses in the ASTROLAB study**

Eric van Ganse, Laurent Laforest, Sandrine Herbage, Flore Jacoud, Alexandra L. Dima, Nathalie Texier, Montse Ferrer, Marijn de Bruin and the ASTROLAB Group, Speaker to be confirmed

**Lung function, FE<sub>no</sub>, symptoms and obesity in asthma – A cross-sectional study**

Marise Kasteleyn, Tobias Bonten, René de Mutsert, Willemien Thijs, Pieter Hiemstra, Saskia Le Cessie, Frits Rosendaal, Niels Chavannes, Christian Taube, Speaker to be confirmed

**Age at asthma onset and lung function among 19 year old asthmatics**

Linnea Hedman, Martin Andersson, Caroline Stridsman, Helena Backman, Eva Rönnmark, Speaker to be confirmed

**Are workers at greater risk of undiagnosed asthma?**

Christian Schyllert, Martin Andersson, Anne Lindberg, Helena Backman, Linnea Hedman, Bo Lundbäck, Eva Rönnmark, Speaker to be confirmed

**The disease burden of mild asthma: Findings from a 2013 real world survey**

Bo Ding, Mark Small, Harriet Foden, Speaker to be confirmed

**Current burden of uncontrolled asthma in the general population: The OPCRD asthma state of the union study**

Shawna Tan, Mike Thomas, Anjan Nibber, Wim van Aaleren, Eugene Bleecker, Jonathan Campbell, Nicolas Roche, John Haughney, Eric Van Ganse, Hye-Yun Park, Chin Kook Rhee, Derek Skinner, Alison Chisholm, Job van Boven, Rosalind Bonomally, Vicky Thomas, Joan Soriano, David Price, Speaker to be confirmed

**Do correct steps using pMDI technique with spacer predict no exacerbations of Asthma or COPD?**

Kyra Bartolo, Yanika Gatt, Lara Micallef, Stephen Montefort, Martin Balzan, Speaker to be confirmed

**Asthma control during pregnancy and associated factors**

Angelo Guido Corsico, Francesca Locatelli, Lucia Cazzoletti, Amelia Grosso, Fedrica Albicini, Erica Gini, Vanessa Ronzoni, Eti Maria Giulia Di Vincenzo, Isa Cerveri, Speaker to be confirmed

**Interaction of AHRR-methylation and gestational smoking influences adolescent eczema, but not asthma**

Nandini Mukherjee, Veeresh Patil, Su Chen, Hongmei Zhang, S. Hasan Arshad, John W. Holloway, Wilfried Karmaus, Speaker to be confirmed

**Characterisation of lung function at 18 by early life wheeze phenotype**

Claire Hodgekiss, S. Hasan Arshad, Graham Roberts, Elinor Jenkins, Ramesh Kurukulaaratchy, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Emerging issues in smoking cessation and tobacco products****Chairs :****Who refers to a hospital-based smoking cessation service in the real world?**

Keir E. Lewis, Victoria Ashman, Sarra Reynolds, Rhia Davey, Hurrell Cath, Einon Cath, Speaker to be confirmed

**Smoking cessation in patients with cancer under real life conditions**

Angeliki Florou, Christos T. Papadas, Maria Berikou, Konstantinos Syrigos, Ioannis Gkiozos, Christina Gratziou, Speaker to be confirmed

**Success rates are correlated mainly to completion of a smoking cessation program**

Martha Andritsou, Sotiria Schoretsaniti, Eleni Litsiou, Vasiliki Saltagianni, Kondylia Konstadara, Andromachi Spiliotopoulou, Stryridon Zakynthinos, Paraskevi Katsaounou, Speaker to be confirmed



**Cost effectiveness of inpatient initiated varenicline tartrate (VT) plus counselling compared to counselling alone: 2 year follow-up of the Smoking Termination Opportunity for inPatients (STOP) study**

Brian Smith, Kristin Carson, Kim Dalziel, Malcolm Brinn, Foruhar Moayeri, Philip Clarke, Matthew Peters, Adrian Esterman, Speaker to be confirmed

**Comparison of efficacy of varenicline and nortriptyline– Short-term smoking cessation in outpatient setting**

Porames Khunrong, Chanchai Sittipunt, Speaker to be confirmed

**How much does smoking cessation (SC) medications impacts on the income of the attendees of a smoking cessation clinic? A cross-sectional study**

Sofia Belo Ravara, Lucia Gil, Speaker to be confirmed

**Attitudes to smoking and quitting in UK HIV positive adults: Would more education help?**

James Brown, Jennifer McGowan, Hende Choual, Santino Capocci, Colette Smith, Daniel Ivens, Fiona Lampe, Margaret Johnson, Alison Rodger, Marc Lipman, Speaker to be confirmed

**Smoking status at 18-19yo according age of first experimentation in Parisian schoolchildren**

Bertrand Dautzenberg, Pierre Dirku, Nicole Rieu, Marie-Dominique Dautzenberg, Speaker to be confirmed

**Testing for factors associated with desire to quit smoking at an HIV/STI Clinic**

Keishia Taylor, Kate Babineau, Sheila Keogan, Luke Clancy, Speaker to be confirmed

**Characteristics of Iranian hookah users aged 15 years and older, primary report**

Zahra Hessami, Mohammad Reza Masjedi, Hooman Sharifi, Hamidreza Jamaati, Habib Emami, Speaker to be confirmed

**Waterpipe tobacco smoking prevalence and its related factors among Iranian population**

Zahra Hessami, Mohammad Reza Masjedi, Hooman Sharifi, Hamidreza Jamaati, Habib Emami, Speaker to be confirmed

**Waterpipe tobacco smoking may potentiate risk of fungal and bacterial infections**

Alireza Javadi, Makan Sadr, Masoud Shamaei, Mahin Pourabdollah, Mahsima Arjmand, Ali Abdolahinia, Speaker to be confirmed

**Chronic exposure to water-pipe smoke induces alveolar enlargement, DNA damage and impairment of lung function in mice**

Abderrahim Nemmar, Suhail Al-Salam, Priya Yuvaraju, Sumaya Beegam, Javed Yasin, Badreldin H. Ali, Speaker to be confirmed

**Use of oral and nasal tobacco and asthma symptoms in a Nordic population**

Randi Bertelsen, Ane Johannessen, Bryndis Benediktsdottir, Lennart Brå b ä ck, Shyamali C. Dharmage, Mathias Holm, Christer Janson, Rain Jogi, Jesus Moratalla, José Luis Sá nchez-Ramos, Vivi Schlü nssen, Torben Sigsgaard, Trude D. Skorge, Cecilie Svanes, Speaker to be confirmed

14:45 - 16:45

**Poster Discussion: Post-transplant complications: from animal models to bedside**

**Chairs :**

**Bone marrow-derived mesenchymal stem cells transplantation in a model of bronchiolitis obliterans**

Jose Luis Campo-Cañ averal de la Cruz, David Gómez de Antonio, Mercedes Zurita Castillo, Martin Santos González, Carmen González Lois, Andrés Varela de Ugarte, Speaker to be confirmed

**Overexpression of hypoxia-inducible factor (HIF)-1 in ischemia/reperfusion injury developed in a lung transplantation model**

Francesca Lunardi, Stefania Vuljan, Nazarena Nannini, Davide Zampieri, Davide Bernardini, Marta Vadori, Emanuele Cozzi, Federico Rea, Fiorella Calabrese, Speaker to be confirmed

**Orthotopic lung transplantation in a single-mismatch-based mouse model shows signs of chronic lung allograft dysfunction (CLAD)**

Natalia Smirnova, Thomas Conlon, Ali Ö rü nç Yildirim, Oliver Eickelberg, Speaker to be confirmed

**Differences in the lipidomic profile of bronchial washing (BW) and bronchoalveolar lavage (BAL) in lung transplanted patients**

Domenica Federica Briganti, Beatrice Aramini, Carla Kim, Robin Chan, Bowen Zhou, Somwmya Sreekanth, Kashif Raza, Hilary Robbins, Lori Shah, Selim Arcasoy, Joshua Sonett, Federica Meloni, Gilbert Di Paolo, Frank D' Ovidio, Speaker to be confirmed

**Optimizing a protocol for the NMR-based metabolic profiling of BALf in bronchiolitis obliterans syndrome**

Cristina Airoidi, Carlotta Ciaramelli, Marco Fumagalli, Sara Magni, Simona Viglio, Davide Piloni, Annamaria Bardoni, Paolo Iadarola, Federica Meloni, Speaker to be confirmed

**Evidence of indirect allorecognition of HLA /non-HLA antigens expressed by bronchial epithelial cells from lung transplant recipients**

Vincent Bunel, Severine Letuve, Marina Pretolani, Chantal Schenowitz, Edgardo Carosella, Nathalie Rouass-Freiss, Olivier Brugiere, Speaker to be confirmed

**Utility of C4d by immunohistochemistry for the diagnosis of antibody-mediated rejection in lung transplantation**

Carine Ngo, Claire Daniel, Sy Duong-Quy, Olivier Brugiè re, Auré lie Cazes, Speaker to be confirmed

**Long-term outcome of lung recipients: The role of CD4+CD25highCD127- treg**

Davide Piloni, Monica Morosini, Sara Magni, Alice Balderacchi, Emanuela Cova, Simona Inghilleri, Luigia Scudeller, Tiberio Oggionni, Filippo Antonacci, Giulia Stella, Federica Meloni, Speaker to be confirmed

**KL-6 in serum as a biomarker for differentiation of chronic allograft dysfunction in lung transplant. Preliminary results**

Cristina Berastegui, Susana Gomez-Olles, Alberto Mendoza-Valderrey, Berta Sá ez-Gimenez, Manuel López-Meseguer, Carlos Bravo-Masgoret, Mario Culebras, Victor Monforte, Antonio Roman, Speaker to be confirmed

**Exhaled nitric oxide: A biomarker for chronic lung allograft dysfunction?**

Mark Greer, Thomas Fuehner, Tobias Welte, Jens Gottlieb, Speaker to be confirmed

**Diffusion capacity as a predictor of prognosis after onset of CLAD**

Hans Henrik Schultz, Stijn Verleden, Robin Vos, Bart Vanaudenaerde, Geert Verleden, Michael Perch, Are Martin Holm, Martin Iversen, Speaker to be confirmed

**Inflammation and primary graft dysfunction after lung transplantation: CT-PET findings**

Davide Chiumello, Miriam Gotti, Chiara Chiurazzi, Mariateresa Guanziroli, Matteo Brioni, Bijan Safaei Fakhri, Andrea Colombo, Dario Massari, Antonio Cammaroto, Felicia Zito, Massimo Cressoni, Speaker to be confirmed

**Uncontrolled non-heart-beating donors vs. brain dead donors in lung transplantation: Comparison of early and late results**

Daniel Valdivia Concha, David Gomez De Antonio, Lucas Hoyos Mejía a, Jose Luis Campo-Cañ averal, Andres Varela de Ugarte, Speaker to be confirmed

**Does perfusion with the organ care system influence inflammatory response in lung transplantation?**

Rosalba Romano, Louit Thakuria, Shirin Sheibani, Fabio De Robertis, Aron-Frederik Popov, Mohamed Amrani, Toufan Bahrami, Paras Dalal, Simona Soresi, Martin Carby, Anna Reed, Andre Simon, Nandor Marczin, Harefield POPSTAR Group, Speaker to be confirmed

**Oto score and medium-term outcomes in lung transplantation**

Valeria Rossetti, Letizia Corinna Morlacchi, Alice D' Adda, Maria Pappalettera, Davide Tosi, Alessandro Palleschi, Paolo Tarsia, Mario Nosotti, Francesco Blasi, Speaker to be confirmed

**Impact of diabetes mellitus on survival and hospitalization after lung transplantation**

Marianne Riou, Philippe Baltzinger, Michele Porzio, Tristan Degot, Sandrine Hirschi, Nicola Santelmo, Pierre-Emmanuel Falcoz, Gilbert Massard, Laurence Kessler, Romain Kessler, Speaker to be confirmed

**Risk of post-transplantation diabetes mellitus (PTDM) with different calcineurin inhibitors**

Benjamin-Alexander Bollmann, Benjamin Seeliger, Jens Gottlieb, Mark Greer, Speaker to be confirmed

**The effect of everolimus on lung function and renal status in lung transplanted patients**

Filippo Patrucco, Michela Bellocchia, Giulia Verri, Giancarlo De Leo, Daniela Libertucci, Francesco Coni, Marco Bardessonno, Massimo Boffini, Caterina Bucca, Paolo Solidoro, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: IPF clinical I**

Chairs :

14:45

**Analyses of the relationship between FVC, extent of fibrosis and extent of emphysema in patients with idiopathic pulmonary fibrosis (IPF)**

Vincent Cottin, David M. Hansell, Nicola Sverzellati, Derek Weycker, Katerina M. Antoniou, Mark Atwood, Gerry Oster, Klaus-Uwe Kirchgaessler, Athol U. Wells, Speaker to be confirmed

- 15:00**      **Development of a national patient charter for idiopathic pulmonary fibrosis**  
Nicola Cassidy, Liam Galvin, Denise Dunne, Jim Egan, Speaker to be confirmed
- 
- 15:15**      **Symptoms and quality of life in relation to lung function and comorbidities in patients with idiopathic pulmonary fibrosis: INSIGHTS-IPF registry**  
Michael Kreuter, Hubert Wirtz, Antje Prasse, David Pittrow, Dirk Koschel, Jens Klotsche, Stefan Andreas, Martin Claussen, Christian Grohé, Matthias Held, Sven Gläser, Heinrike Wilkens, F. Joachim Meyer, Martin Schwaiblmair, Dirk Skowasch, Joachim Kirschner, Andrea Koch, Claus Neurohr, Rudolf M. Huber, Winfried J. Randerath, Ralf Ewert, Juergen Behr, Speaker to be confirmed
- 
- 15:30**      **Negative outcome of prednisone in possible idiopathic pulmonary fibrosis**  
Ivo Wiertz, Wim Wuyts, Coline van Moorsel, Renske Vorselaars, Miranda Ten Hoedt-Zijp, Wouter van Es, Matthijs van Oosterhout, Jan Grutters, Speaker to be confirmed
- 
- 15:45**      **PROOF: A prospective observational registry to describe the disease course and outcomes of idiopathic pulmonary fibrosis patients in a real-world clinical setting in Belgium and Luxembourg: Exposure in the interim report of 175 IPF patients**  
Wim Wuyts, Benjamin Bondue, Caroline Dahlqvist, Hans Slabbynck, Marc Schlessler, Geert Verleden, Karl Richir, Christophe Compere, Natacha Gusbin, Guy Joos, Sofie Maddens, Speaker to be confirmed
- 
- 16:00**      **Health status & impact of living with idiopathic pulmonary fibrosis (IPF): UK & Ireland Delphi survey**  
Anne-Marie Russell, Georgina Jones, Ruth Sabella, Nicola Cassidy, Geraldine Burge, Sarah Lines, Louise Stanley, Sophie Fletcher, Malcolm Weallans, Mike Bray, Fleming Sharon, Maher Toby, Cullinan Paul, Speaker to be confirmed
- 
- 16:15**      **Transbronchial pulmonary criobiopsy's relevance in the diagnostic approach of diffuse pulmonary diseases- Data analysis of the initial learning curve**  
Leonor Almeida, Patrícia Mota, Natália Melo, José Miguel Pereira, Rui Cunha, Susana Guimarães, Conceição Souto-Moura, Adriana Magalhães, António Morais, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Mechanisms of symptom and exercise limitation in health and disease**

Chairs :

- 14:45**      **Influence of systolic heart failure on exercise PETCO<sub>2</sub> in COPD**  
Flavio Ferlin Arbex, Maria Clara Alencar, Aline Souza, Adriana Mazzuco, Priscila Sperandio, Alcides Rocha, Danilo C. Berton, Audrey Borghi-Silva, Denis E. O'Donnell, J. Alberto Neder, Speaker to be confirmed
- 
- 15:00**      **Cardiac adaptations to non-linear aerobic training in patients with COPD**  
Jinelle Gelinias, Neil Eves, Speaker to be confirmed
- 
- 15:15**      **Exercise capacity and pulmonary vascular pressure-flow relationships in different body positions**  
Yoshiki Motoji, Kevin Forton, Gael Deboeck, Vitalie Faoro, Robert Naeije, Speaker to be confirmed
- 
- 15:30**      **Prognostic role of excessive exercise ventilation in non-operable patients with chronic thromboembolic pulmonary hypertension**  
Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo X.C. Fonseca, Carolina M.S. Messina, Rudolf K.F. Oliveira, Camila M.O. Costa, Danielle C. Bedin, J. Alberto Neder, Luiz Eduardo Nery, Jaqueline Sonoe Ota-Arakaki, Speaker to be confirmed
- 
- 15:45**      **Contrasting cardiovascular responses to exercise in mitochondrial myopathy and pulmonary arterial hypertension**  
Luiza Helena Degani-Costa, Márcia T. Rodrigues, Roberta Pulcheri Ramos, Eloara V.M. Ferreira, Angelo X.C. Fonseca, Ana Gimenes, Daniela Bravo, Jaqueline Sonoe Ota-Arakaki, J. Alberto Neder, Luiz Eduardo Nery, Speaker to be confirmed
- 
- 16:00**      **Air trapping is associated with exercise capacity in persons without overt obstructive lung disease**  
Mehrdad Arjomandi, Rachel Stiner, Siyang Zeng, Jeroen Geerts, Warren Gold, Speaker to be confirmed
- 
- 16:15**      **Resting physiological markers of exercise intolerance in smokers with mild airway obstruction**  
Amany Elbehairy, Jordan Guenette, Dennis Jensen, Katherine A. Webb, J. Alberto Neder, Denis E. O'Donnell, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Central sleep apnoea and central regulation of obstructive and central sleep apnoea**

Chairs :

- 14:45** **Dose norepinephrine participate in the central regulation of genioglossus in chronic-intermittent-hypoxia rat?**  
Wei Wang, Ling Zhou, Aidi Wang, Speaker to be confirmed
- 15:00** **Ventilatory response amongst patients with obstructive sleep apnoea**  
Christopher Earing, Damian Mckeon, Jonathan Moore, Hans-Peter Kubis, Speaker to be confirmed
- 15:15** **Effect of increasing cerebral blood flow on sleep architecture at high altitude**  
Samuel Lucas, Katie Burgess, Kate Sprecher, Joseph Donnelly, Aparna Basnet, Philip Ainslie, Keith Burgess, Speaker to be confirmed
- 15:30** **Varying patterns of hyperpnea during Cheyne-Stokes respiration in heart failure: Implication for cardiac function**  
Elisa Perger, Toru Inami, Owen Lyons, Stephanie Smith, T. Douglas Bradley, Speaker to be confirmed
- 15:45** **Cycle length identifies complex sleep apnea in patients with chronic heart failure - A matched control study**  
Thomas Bitter, Burak Özdemir, Henrik Fox, Florian Schindhelm, Zisis Dimitriadis, Dieter Horstkotte, Olaf Oldenburg, Speaker to be confirmed
- 16:00** **Neural respiratory drive in patients with COPD alone and those with overlap syndrome**  
Baiting He, Gan Lu, Sichang Xiao, Rui Chen, Joerg Steier, John. Moxham, Michael I. Polkey, YuanMing Luo, Speaker to be confirmed
- 16:15** **Impaired hypoxic ventilatory response in Chinese Han and Uygur patients with obstructive sleep apnea-hypopnea syndromes**  
He Zhongming, Wang Peipei, Jiang Xuelong, Han Fang, Li Jiangping, Ye Zhou, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Therapeutic horizons: novel targets and pharmacological models****Chairs :**

- 14:45** **Intratracheal administration of bone marrow-derived mesenchymal stem cells ameliorates lung function**  
Giuseppe Spaziano, Konrad Urbanek, Antonella De Angelis, Elena Piegari, Maria Matteis, Manuela Sgambato, Gioia Tartaglione, Teresa Palmira Russo, Donato Cappetta, Grazia Esposito, Rosa Russo, Bruno D'Agostino, Speaker to be confirmed
- 15:00** **Pharmacological characterization of CHI25243, a novel potent inhaled inhibitor of neutrophil elastase**  
Daniela Miglietta, Chiara Carnini, Veronica Puviani, Harry Finch, Craig Fox, Mary Fitzgerald, Riccardo Patacchini, Maurizio Civelli, Gino Villetti, Speaker to be confirmed
- 15:15** **Strong reversal of the lung fibrosis disease signature by autotaxin inhibitor GLPG1690 in a mouse model for IPF**  
Maté Ongenaert, Sonia Dupont, Roland Blanqué, Reginald Brys, Ellen van der Aar, Bertrand Heckmann, Speaker to be confirmed
- 15:30** **The anti-inflammatory effects of eucalyptol in a mouse model of LPS-induced pulmonary inflammation are mediated by TRPM8**  
Anabel de Caceres Bustos, Boyi Liu, Sairam Jabba, John Morris, Sven-Eric Jordt, Speaker to be confirmed
- 15:45** **Human small airway-on-a-chip: A novel microphysiological system to model lung inflammation, accelerate drug development and enable inhalational toxico-analysis**  
Kambez Hajipouran Benam, Richard Novak, Remi Villenave, Carolina Lucchesi, Cedric Hubeau, Janna Nawroth, Mariko Hirano-Kobayashi, Thomas C. Ferrante, Youngjae Choe, Rachelle Prantil-Baun, James C. Weaver, Geraldine A. Hamilton, Anthony Bahinski, Donald E. Ingber, Speaker to be confirmed
- 16:00** **Evaluation of nanoparticles in human lung fibroblasts and PCLS**  
Gunilla Westergren-Thorsson, Lena Thiman, Vendela Rissler, Hanna Karlsson, Anna-Karin Larsson-Callerfelt, Speaker to be confirmed
- 16:15** **Ex vivo elastase and hydrogen peroxide stimulation in lung slices: novel models to study lung repair**  
Loes E.M. Kistemaker, Eline M. van Dijk, Sule Culha, John-Poul Ng-Blichfeldt, Mark H. Menzen, Reinoud Gosens, Speaker to be confirmed

14:45 - 16:45

**Oral Presentation: Insights into pathophysiology of childhood lung disease****Chairs :**

- 14:45** **Longitudinal evaluation of diaphragmatic function in children with congenital diaphragmatic hernia**  
Sonia Khirani, Alessandro Amaddeo, Jorge Olmo-Arroyo, Alexandre Lapillonne, Odile Becquet, Naziha Khen-Dunlop, Christophe Delacourt, Speaker to be confirmed
- 
- 15:00** **Multiple breath washout can facilitate the diagnosis of lung graft-versus-host disease in children after allogeneic hematopoietic stem cell transplantation**  
Christina Kavouridou, Karin Mellgren, Anders Lindblad, Per Gustafsson, Karsten Koetz, Speaker to be confirmed
- 
- 15:15** **Contextualized assay of urinary biomarkers for the diagnosis of OSA in children**  
Biju Thomas, John E. Connolly, Zai Ru Cheng, Veonice Bijin Au, John C. Allen Jr, Soh Gin Tan, Meilan Lim, Qiao Ling Tan, Qixian He, Yi Ping Tan, Candice Teo, Christina Seng, Arun Pugalenthi, Anne Goh, Petrina Wong, Oon Hoe Teoh, Speaker to be confirmed
- 
- 15:30** **Automated analysis of overnight oximetry recordings by means of support vector machines to assist in the diagnosis of paediatric sleep apnoea**  
Andrea Crespo Sedano, Daniel Alvarez González, Leila Kheirandish-Gozal, Gonzalo César Gutiérrez-Tobal, Roberto Hornero Sánchez, David Gozal, Félix Del Campo Matías, Speaker to be confirmed
- 
- 15:45** **Methacholine hyperresponsiveness was related to nitric oxide regulation in growth restricted preterm born children**  
Anne Lise Bjørke Monsen, Maria Vollsæter, Per Magne Ueland, Knut Øymar, Trond Markestad, Thomas Halvorsen, Speaker to be confirmed
- 
- 16:00** **Association between nocturnal enuresis and snoring in the community-dwelling 21,380 children**  
Hiroo Wada, Manami Kimura, Ryutaro Shirahama, Toshinari Hayashi, Yuka Suzuki, Koutatsu Maruyama, Aikeada, Takeshi Tanigawa, Speaker to be confirmed
- 
- 16:15** **Nonuniform growth in pediatric lung function between 4 and 14 years of age**  
Ellie Oostveen, H. Bentouhami, M. Hagendorens, W. De Backer, J. Weyler, Speaker to be confirmed

16:00 - 17:15

**Session: ERS Fellowship Career Development session****Aims :** Discussion and presentation of ERS fellowships activities.

This session is followed by the ERS Young Scientists Networking Evening.

**Target audience :** Young scientists, Early Career Member Committee members, prospective applicants to ERS fellowships**Chairs :** Maria Gabriela Belvisi (London, United Kingdom), Stephen T. Holgate (Southampton, United Kingdom), Guy Brusselle (Ghent, Belgium), Rory Morty (Bad Nauheim, Germany)

- 16:00** **Welcome & Introduction**  
Maria Gabriela Belvisi (London, United Kingdom), Rory Morty (Bad Nauheim, Germany)
- 
- 16:10** **Synergies and support of JMC**  
Speaker to be confirmed
- 
- 16:20** **EU fellowships programmes**
- 
- 16:30** **Fellowship in industry**
- 
- 16:40** **Short-term research training fellowships (STRTF)**
- 
- 16:50** **Long-term research fellowships**  
Bart Hilvering (Utrecht, Netherlands)
- 
- 17:00** **Marie Curie fellowships**
- 
- 17:10** **Wrap up and closure**  
Rory Morty (Bad Nauheim, Germany)

08:30 - 10:30

**Symposium: New frontiers in lung transplantation****Aims :** This symposium will describe the new state-of-the-art findings in lung transplantation, donor management, and complications.**Tag(s) :** Clinical**Chairs :** Federica Meloni (Pavia, Italy), Jens Gottlieb (Hannover, Germany), Chair to be confirmed**08:30**      **New horizons of chronic lung allograft dysfunction**  
Keith Meyer (Madison, United States of America), Speaker to be confirmed**09:00**      **Humoral rejection: the state-of-the-art in lung transplantation**  
Allan Glanville (Sydney, Australia)**09:30**      **New imaging techniques for chronic lung allograft dysfunction**  
Stijn Verleden (Leuven, Belgium)**10:00**      **The current ability of ex vivo lung perfusion (EVLP) to recondition donor lungs**  
Andrew Fisher (Newcastle, United Kingdom)

08:30 - 10:30

**Symposium: Respiratory infections in high-income countries: old challenges and new threats preceded by Ceremony for the ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine****Aims :** This symposium will highlight and discuss new developments in respiratory infectious disease prevention and control in the European Union. The focus will be on tuberculosis, influenza, legionella, and new emerging respiratory infections. Specific objectives are to inform the audience about the epidemiology of respiratory infectious diseases, and to present and discuss new guidelines for preventing and controlling respiratory infectious diseases.**Track(s) :** Infection**Chairs :** Marieke van der Werf (Stockholm, Sweden), Antoni Torres Marti (Barcelona, Spain), Mario C. Raviglione (Geneva, Switzerland)**08:30**      **Ceremony for ERS Research Award: Innovation in Non-Tuberculous Mycobacteria Science and Medicine****08:40**      **Molecular mechanisms of antimicrobial resistance**  
Speaker to be confirmed**09:07**      **Opportunities and challenges in whole genome sequencing for TB prevention and control**  
Francis Drobniowski (London, United Kingdom)**09:34**      **The role of the microbiome in the clinical management of respiratory infections**  
Speaker to be confirmed**10:01**      **Antibiotic stewardship in respiratory infections**  
Speaker to be confirmed

08:30 - 10:30

**Symposium: Extracellular vesicles in lung disease pathogenesis****Aims :** The aims of this session are to introduce the audience to the important concept of extracellular vesicles (EVs) and their potential role in lung health and disease; outline the various types of EVs that are produced by epithelial and inflammatory cells; provide specific examples of the various molecules that are transported by EVs and how they are transferred to target cells; and present potential therapeutic roles of EVs for the treatment of lung disease.**Track(s) :** Intensive care    Physiology**Tag(s) :** Translational**Chairs :** Sinead Weldon (Belfast, United Kingdom), Catherine Greene (Dublin, Ireland)**08:30**      **Extracellular vesicles: exosomes, microvesicles, and friends**  
Speaker to be confirmed**09:00**      **Altered microRNA profiles in the bronchoalveolar lavage fluid exosomes of asthmatic patients**  
Asa Wheelock (Stockholm, Sweden), Speaker to be confirmed**09:30**      **Transcellular delivery of proteins from inflammatory cells to the epithelium**  
Marc Peters-Golden (Ann Arbor, United States of America)

**10:00** **Human mesenchymal stem cell microvesicles for the treatment of Escherichia coli endotoxin-induced acute lung injury**  
Jae-Woo Lee (San Francisco, United States of America)

08:30 - 10:30

### Symposium: Closing the gap: novel translational research strategies

**Aims :** This session will explain why respiratory research in 2016 will need innovation in translational models of disease. Specific examples of how innovations in translational models of disease have helped to close knowledge gaps between basic and clinical respiratory research will be provided. How organoids, 3-dimensional in vitro models, and the lung slice technique can be used in respiratory research to elucidate mechanisms of disease will be described.

**Track(s) :** Physiology

**Tag(s) :** Translational

**Chairs :** Reinoud Gosens (Groningen, Netherlands), Maria Gabriela Belvisi (London, United Kingdom)

**08:30** **How organoids helped to discover cystic fibrosis transmembrane conductance regulator (CFTR) therapeutics and predict response to treatment**  
Jeffrey M. Beekman (Utrecht, Netherlands)

**09:00** **3-dimensional airway models reveal airway epithelial responses to mechanical stretch and compression**  
Christopher Grainge (Newcastle, Australia)

**09:30** **Translational models in asthma and COPD**  
Mark Inman (Hamilton, Canada)

**10:00** **Modelling tissue repair in COPD**  
Melanie Koenigshoff (Munich, Germany)

08:30 - 10:30

### Hot topics: Immunity in COPD time for questions?

**Aims :** COPD has a very heterogeneous disease. The classical paradigm that cigarette smoke-induced inflammation and proteinase-antiproteinase imbalance are the main players in the pathogenesis of COPD has recently been called into question. The degree of susceptibility to COPD among individual and the fact that susceptible ever-smokers continue to have progressive lung parenchymal disease, indicates a much more complex immune response to the insulting agent.

**Track(s) :** Epidemiology / Environment

**Tag(s) :** Translational

**Chairs :** Farrah Kheradmand (Houston, United States of America), James Hogg (Vancouver, Canada)

**08:30** **The immune system in COPD: guilty as charged?**  
Wim Timens (Groningen, Netherlands)

**09:00** **Cigarette smoke and COPD: the innate immune mechanisms**  
Ken Bracke (Ghent, Belgium)

**09:30** **B cells: emerging from the backstage of COPD?**  
Francesca Polverino (Brookline, United States of America), Speaker to be confirmed

**10:00** **Infection, immunity and new treatments approaches in COPD**  
Michael Edwards (London, United Kingdom)

08:30 - 10:30

### Hot topics: Nutrition and respiratory health

**Aims :** The audience will receive new insights in the role of nutrition in respiratory health, from primary prevention to personalised medicine. The efficacy of nutritional intervention in COPD will be updated and novel nutritional targets will be presented based on new insights in metabolism and inter-organ cross-talk.

**Tag(s) :** Translational

**Target audience :** Basic scientist, clinical scientist, clinician, fellow, dietician, physiotherapist, epidemiologist, physiologist.

**Chairs :** Sally J. Singh (Leicester, United Kingdom), Chair to be confirmed

**08:30** **Healthy diet, lung and cardiovascular health: connecting the dots**  
Speaker to be confirmed

**09:00** **Gut microbiota as nutritional target in lung diseases: hype or hope?**  
Speaker to be confirmed

**09:30** **The pink puffer and blue bloater revisited (Nutritional assessment and therapy in COPD - ERS Statement)**  
Speaker to be confirmed

**10:00** **Nutrition in systemic COPD management: targeting deficiencies or pharmaconutrition?**  
Annemie Schols (Maastricht, Netherlands)

08:30 - 10:30

### Session: Health effects related to air pollution

#### ERS/BTS joint session

**Aims :** The aim of this session is to inform the audience about the history of air pollution research, its impact on respiratory health and related health effects, new challenges and new directions in research and public health approaches.

**Track(s) :** **Epidemiology / Environment**

**Tag(s) :** Healthy Lungs for Life (HLfL)

**Target audience :** Educationalist, Epidemiologist, Fellow, General practitioner, Junior member, Paediatrician, Patient, Public health official, Pulmonologist, Researcher, Respiratory physician, Student

**Chairs :** Torben Sigsgaard (Aarhus, Denmark), David Fishwick (Sheffield, United Kingdom), Chair to be confirmed

**08:30** **The great London smog of 1952 revisited**  
Noel Baxter (London, United Kingdom), Speaker to be confirmed

**09:00** **Respiratory health impact of current air pollution levels in Europe**  
Bert Brunekreef (Utrecht, Netherlands)

**09:30** **Cardiovascular health effects of air pollution**  
Barbara Hoffmann (Dusseldorf, Germany)

**10:00** **What are the remaining remaining research questions on air pollution related health effects?**  
Speaker to be confirmed

08:30 - 10:30

### Poster Discussion: Connective tissue disorders

**Chairs :**

**Efficacy of functionalized-imatinib loaded gold nanoparticles on lung fibroblastoid cells from systemic sclerosis patients**

Emanuela Cova, Simona Inghilleri, Davide Piloni, Veronica Codullo, Laura Pandolfi, Miriam Colombo, Monica Morosini, Valentina Barzon, Sara Magni, Davide Prospero, Carlomaurizio Montecucco, Federica Meloni, Speaker to be confirmed

**Pattern and impact of rheumatology referral in patients with ILD and autoimmune features**

Boyang Zheng, Julie Morisset, Sandra Chartrand, Bruno Pierre Dubé, Speaker to be confirmed

**Analysis of inflammatory networks in interstitial lung disease in patients with rheumatoid arthritis**

Ourania Koltsida, Evgenia Synolaki, Athanasios Stavropoulos, Pasxalis Sideras, Nikolaos Koulouris, Dimitrios Boumpas, Grigorios Stratakos, Speaker to be confirmed

**Idiopathic non-specific interstitial pneumonia (iNSIP): do the patients develop connective tissue disease (CTD) during follow-up?**

Janne Møller, Alan Altraja, Tone Sjøheim, Line Bille Madsen, Finn Rasmussen, Elisabeth Bendstrup, Speaker to be confirmed

**Activity of interstitial lung disease in systemic sclerosis: Correlation between HRCT, PET/CT and inflammatory mediators**

André Bastos, Gilda Ferreira, Marcelo Mamede, Flávia Teixeira, Eliane Mancuzo, Ricardo Corrêa, Speaker to be confirmed

**Detection of anti DFS70 antibodies in patients with interstitial lung disease (ILD) with and without connective tissue disease (CTD)**

Francesco Bonella, Yan Lyu, Dirk Theegarten, Eda Boerner, Thomas E. Wessendorf, Ohshimo Shinichiro, Josune Guzman, Ulrich Costabel, Michael Kreuter, Speaker to be confirmed



**Efficacy of switching from cyclosporine A to tacrolimus in patients with refractory CTD-ILD**

Yosuke Goto, Hiroyuki Taniguchi, Yasuhiro Kondoh, Tomoki Kimura, Kensuke Kataoka, Toshiaki Matsuda, Toshiki Yokoyama, Yasuhiko Yamano, Speaker to be confirmed

**Pulmonary involvement in children with rheumatic diseases**

Nagehan Emiralioglu, Ezgi Deniz Batu, Emine Sonmez, Gokcen Dilsa Tugcu, Serap Arici, Ebru Yalcin, Deniz Dogru, Ugur Ozcelik, Yelda Bilginer, Mithat Haliloglu, Seza Ozen, Nural Kiper, Speaker to be confirmed

**Survival in CVD-ILD at Ege University Hospital**

Nesrin Mogulkoc, Imren Nesil, Aysu Sinem Koc, Zehra Erdemir, Selen Bayraktaroglu, Yasemin Kabasakal, Canan Gunduz, Pervin Korkmaz Ekren, Feza Bacakoglu, Speaker to be confirmed

**Clinical characteristics of 30 patients with interstitial pneumonia associated with anti-aminoacyl-tRNA-synthetase antibodies**

Keita Sakamoto, Shinyu Izumi, Masao Hashimoto, Konomi Kobayashi, Ayako Shiozawa, Eriko Suzuki, Shota Yamamoto, Tomoyuki Suzuki, Satoru Ishi, Eriko Morino, Manabu Suzuki, Jin Takasaki, Go Naka, Hiroyuki Yamashita, Motoyasu Ikura, Yuichiro Takeda, Masayuki Hojo, Haruhito Sugiyama, Speaker to be confirmed

**Constrictive (obliterative) bronchiolitis as presenting manifestation of connective tissue disease**

Antonella Arcadu, Jay Ryu, Speaker to be confirmed

**Clinical features of usual interstitial pneumonia-correlation between idiopathic pulmonary fibrosis and connective tissue disease associated with usual interstitial pneumonia**

Nevena Djukic, Zora Pavlovic-Popovic, Bojan Zaric, Marija Vukoja, Milana Panjkovic, Dragan Dragisic, Speaker to be confirmed

**Cytokine profile in bronchoalveolar lavage fluid of fibrotic idiopathic interstitial pneumonias compared to fibrotic interstitial pneumonias in connective tissue diseases**

Martina Kolbeková, Martina Šterclová, Magdalena Smetáková, Peter Paluch, Jan Anton, Jelena Skibová, Martina Vašáková, Speaker to be confirmed

**Are risk predicting models useful for estimating survival in rheumatoid arthritis-associated interstitial lung disease?**

Hanna Nurmi, Minna Purokivi, Miia Kärrkäinen, Hannu-Pekka Kettunen, Tuomas Selander, Riitta Kaarteenaho, Speaker to be confirmed

**Rituximab in severe, progressive interstitial lung disease**

Maria Kokosi, Gregory J. Keir, Tamera J. Corte, Lauren Troy, Peter Saunders, Felix Chua, Toby M. Maher, Elisabetta A. Renzoni, Athol U. Wells, Speaker to be confirmed

**Usual interstitial pneumonia preceding rheumatoid arthritis: Clinical, imaging, and histopathologic features**

Yutaka Tsuchiya, David Lynch, Takeshi Johkoh, Thomas Colby, Junya Fukuoka, Ryoko Egashira, Hiromitsu Sumikawa, Takenori Okada, Jeffrey Swigris, Joshua Solomon, Speaker to be confirmed

**Serum surfactant protein D is a potential biomarker of lung damage in systemic sclerosis**

Riccardo Messina, Alida Benfante, Daniela Castiglia, Claudia I. Gruttadauria, Nicola Scichilone, Speaker to be confirmed

**Acute hyperoxic challenge improves haemodynamics & Pulmonary vascular stiffness in interstitial lung disease-associated pulmonary hypertension**

Peter George, Tristan Huie, Jeff Swigris, Kern Buckner, Kevin Brown, Brett Fenster, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Novel mechanisms and treatment modalities in asthma**

Chairs :

**Simvastatin and bone marrow-derived mesenchymal stem cells therapy affect serum IgE level and cytokine expression in sensitized mice**

Mohammad Hossein Boskabady, Maryam Mohammadian, Hamid Reza Sadeghipour, Speaker to be confirmed

**Combining an epithelial repair factor and anti-fibrotic with a corticosteroid offers optimal treatment for the pathogenesis of allergic airways disease**

Krupesh Patel, Chrisan Samuel, Simon Royce, Speaker to be confirmed

**Neutrophils in bronchial mucosa, sputum and blood after administration of the CXCR2-antagonist AZD5069 - An explorative study in neutrophilic asthma**

Henrik Watz, Anne Kirsten, Frauke Pedersen, Torsten Goldmann, Florian Stellmacher, Mohib Uddin, Bengt Larsson, Gerhard Böttcher, Anna Malmgren, Marteen Kraan, Klaus Rabe, Speaker to be confirmed

**Roflumilast but not dexamethasone or fluticasone reduces neutrophilic airway inflammation and hyperreactivity in a murine influenza-induced asthma exacerbation model**

Cornelia Tilp, Hannes Bucher, Eva Wex, Klaus Erb, Speaker to be confirmed

**BmTI-A, a serine protease inhibitor, reduces extracellular matrix remodelling in chronic allergic lung inflammation in a mice model**

Ariana Corrêa Florencio, Fernanda M. Arantes-Costa, Robson Santos de Almeida, Sara S.S. Hamaguchi, Sérgio D. Sasaki, Milton A. Martins, Iolanda F.L.C. Tibério, Fernanda D.T.Q.S. Lopes, Edna A. Leick, Speaker to be confirmed

**A fixed combination of thyme and primula dry extracts normalizes goblet cell hyperplasia and MUC5AC formation in vivo and in vitro**

Jan Seibel, Aldo Ammendola, Martin Lehner, Speaker to be confirmed

**Effects of phosphoinositide-3-kinase inhibitors on steroid-insensitive airway inflammation in poly(I:C) and allergen challenged mice**

Genki Kimura, Yuki Nishimoto, Keitaro Ueda, Takahiro Nakaoki, Takashi Masuko, Peter J. Barnes, Kazuhiro Ito, Yasuo Kizawa, Speaker to be confirmed

**Enrichment of the Janus kinase (JAK) activation signature in severe asthma sputum: Correlation with IL-13 expression**

Stelios Pavlidis, Ian Adcock, Fan Chung, Anthony Rowe, Christos Rossios, Ioannis Pandis, Ratko Djukanovich, Peter Sterk, Yike Guo, Coen Wiegman, Speaker to be confirmed

**Relationship between mitochondrial function and cellular ageing depends upon compartment analysed**

Stelios Pavlidis, Fan Chung, Anthony Rowe, Ioannis Pandis, Ratko Djukanovic, Peter Sterk, Yi-ke Guo, Ian Adcock, Speaker to be confirmed

**Adrenal insufficiency in asthma patients – Who is at risk?**

Sam Roberts, Tim Sutherland, Jane Slough, Rhodri King, Robert Murray, Ian Clifton, Speaker to be confirmed

**TNFAIP3 (A20) expression is elevated in the sputum of severe asthmatics**

Stelios Pavlidis, Fan Chung, Anthony Rowe, Ioannis Pandis, Ratko Djukanovic, Peter Sterk, Yike Guo, Ian Adcock, Speaker to be confirmed

**Omalizumab, airway obstruction and remodeling**

Michela Maria Bellocchia, Renza Ambrosanio, Filippo Patrucco, Giulia Verri, Lorena Mercante, Monica Boita, Giuseppe Tabbia, Alessio Mattei, Paolo Solidoro, Caterina Bucca, Speaker to be confirmed

**Modulation of inflammation by benralizumab in eosinophilic airway disease**

Paul Newbold, Hao Liu, Tuyet-Hang Pham, Gautam Damera, Sriram Sridhar, Speaker to be confirmed

**Budesonide/formoterol maintenance and reliever therapy in adolescent patients with asthma**

Hans Bisgaard, Dan Lythgoe, Carin Jorup, Speaker to be confirmed

**Tiotropium reduces oral prednisone requirements while improving respiratory function in patients with severe persistent asthma**

Bashir Omarjee, Speaker to be confirmed

**RPL554, an inhaled PDE3/4 inhibitor, causes comparable bronchodilation to high dose nebulised salbutamol in asthmatics with fewer systemic effects**

Leif Bjermer, Johnston Stewart, Katharine Abbott-Banner, Kenneth Newman, Speaker to be confirmed

**Bronchial thermoplasty resulted in an increase of CD4+CD25+ regulatory T cells in severe asthma patients**

Mateja Marc Malovrh, Aleš Rozman, Sabina Škrgat, Mira Šilar, Julij Šelb, Peter Korošec, Speaker to be confirmed

**Dysphonia in asthmatic women using inhaled corticosteroids: It is not only a laryngeal inflammation**

Frédéric de Blay, Christina Delmas, Elisabeth Peri, Michel Velten, Julie Petit-Thomas, Helene Kuntz, Philippe Schultz, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Burden of respiratory diseases: from environmental aspects to healthcare consumption****Chairs :****LSC Abstract – Modeling the air-blood barrier in healthy and disease state to evaluate safety and efficacy of inhaled (nano)medicines**

Remi Hendrix, Stephanie Kletting, Cristiane Carvalho-Wodarz, Nicole Schneider-Daum, Claus-Michael Lehr, Speaker to be confirmed

**Associations between severity and duration of sleep-disordered breathing and brain tissue volume**

Erika Hagen, Jodi Barnet, Sterling Johnson, Barbara Bendlin, Mary Morrell, Amanda Rasmuson, Paul Peppard, Speaker to be confirmed

**Traffic related air pollution and transplant failure**

Livia Pierotti, Dave Collet, Susie Schofield, Daniella Cullinan, Speaker to be confirmed Fecht, Kees De Hoogh, Anna Hansell, Paul

**Trends in mortality from respiratory diseases in Greece during the financial crisis**

Filippos T. Filippidis, Vasiliki Gerovasili, Will D.-C. Man, Speaker to be confirmed

**Burden and impact of hospital-acquired infections in patients with chronic lung disease**

Evangelos Kritsotakis, Flora Kontopidou, Eirini Astrinaki, Maria Roumbelaki, Georgios-Michael Gourgoulis, Eleni Ioannidou, Emmanouil Bolikas, Achilleas Gikas, Speaker to be confirmed

**Burden of lung disease in the UK; findings from the British Lung Foundation's 'respiratory health of the nation' project**

Noel Snell, David Strachan, Richard Hubbard, Jack Gibson, Elizabeth Limb, Ramyani Gupta, Alistair Martin, Michael Laffan, Ian Jarrold, Speaker to be confirmed

**Geographical variation in the respiratory health of Great Britain**

Rebecca Ghosh, Ioannis Bakolis, David Strachan, Anna Hansell, Speaker to be confirmed

**Different impact of respiratory symptoms on health care consumption and daily life in Finland, Estonia and Sweden**

Sven-Arne Jansson, Malin Axelsson, Anne Lindberg, Annette Kainu, Eva Rö nmark, Speaker to be confirmed

**Patterns of emergency department visits for asthma, COPD and respiratory infections in Ontario, Canada 2003-2013**

Neil Johnston, Justina Greene, Kieran Killian, Paul O' Byrne, Speaker to be confirmed

**The incidence of ventilator-associated pneumonia in mainland China: A systematic review and meta-analysis**

Chengyi Ding, Yuelun Zhang, Zhirong Yang, Jing Wang, Aoming Jin, Weiwei Wang, Ru Chen, Siyan Zhan, Speaker to be confirmed

**Longitudinal changes in prevalence of chronic bronchitis in rural people**

Punam Pahwa, Masud Rana, Chandima Karunanayaka, Louise Hagel, Valerie Elliot, Josh Lawson, Donna Rennie, Ambikaipakan Senthilselvan, James Dosman, Saskatchewan Rural Health Study Research Team, Speaker to be confirmed

**Co-exposure between asbestos and inorganic particles and risk of lung cancer in the ARDCO study**

Aude Lacourt, Christophe Paris, Bé né dicte Clin-Godard, Antoine Gislard, François Laurent, Christos Chouaid, Soizick Chamming's, Amandine Luc, Patrick Brochard, Jean-Claude Pairon, Speaker to be confirmed

**Risk of cardiovascular comorbidities in patients with idiopathic pulmonary fibrosis: Analysis of Medicare data**

Michael Broder, Eunice Change, Elya Papoyan, Iona Popescu, Sheila Reddy, Karina Raimundo, Will Chou, Speaker to be confirmed

**Rheumatoid arthritis and comorbid chronic obstructive or interstitial pulmonary diseases: Prevalence in a population-based cohort**

Douglas Mapel, Melissa Roberts, Ann Von Worley, Speaker to be confirmed

**Chernobyl disaster and incidence rates of tuberculosis among children and adolescents**

Larissa Gorbach, Speaker to be confirmed

**Exposure to traffic pollution is related to daytime sleepiness and habitual snoring: Results from the RHINE study**

Ane Johannessen, Randi Bertelsen, Francisco Gomez Real, Torben Sigsgaard, Karl A. Franklin, Eva Lindberg, Christer Janson, Erna Sif Arnardottir, Johan Hellgren, Bryndis Benediktsdottir, Bertil Forsberg, Thorarinn Gislason, Speaker to be confirmed

**How do children perceive indoor air quality (IAQ) at school?**

Marzia Simoni, Sandra Baldacci, Mario Canciani, Carlo Pini, Luigia Maria Brunetti, Luciana Indinnimeo, Paolo Carrer, Anibale Biggeri, Piersante Sestini, Sara Maio, Sonia Cerrai, Giuseppe Sarno, Fabio Cibella, Giovanni Viegi, Speaker to be confirmed

**Treatment trends for asthma-COPD overlap syndrome patients: Findings from a real world survey**

Bo Ding, Mark Small, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Cystic fibrosis: inflammation, microbiology, management and monitoring**

Chairs :

**Human neutrophils release bioactive inflammasome complexes; relevance for cystic fibrosis**

Julie Laval, Martina Bakele, Stephan Hailfinger, Gassen Nils, Hector Andreas, Hartl Dominik, Speaker to be confirmed

**CFTR-dependent deficiency in alternatively-activated macrophages in cystic fibrosis**

Abdullah Tarique, Peter Sly, Patrick Holt, Anthony Bosco, Robert Ware, Jayden Logan, Scott Bell, Claire Wainwright, Emmanuelle Fantino, Speaker to be confirmed

**Applicability of dry powder inhalers in children with CF**

Anne Lexmond, Paul Hagedoorn, Erik Frijlink, Bart Rottier, Anne De Boer, Speaker to be confirmed

**Regulation of dectin-1 in cystic fibrosis bronchial epithelial cells during host pathogen interactions**

Anjali Ralhan, Nina Frey, Carolin Schroth, Anurag Singh, Andreas Hector, Dominik Hartl, Speaker to be confirmed

**Respiratory viruses in healthy infants and infants with cystic fibrosis. A prospective cohort study**

Insa Korten, Elisabeth Kieninger, Njima Schläpfer, Maria Teresa Barbani, Urs Frey, Nicolas Regamey, Claudia Kuehni, Markus Hilty, Meri Gorgievski, Carmen Casaulta, Philipp Latzin, Speaker to be confirmed

**Pseudomonas aeruginosa from CF airways uses various strategies to outcompete staphylococcus aureus**

Ross Pallett, Lindsay J. Marshall, Speaker to be confirmed

**Does the cystic fibrosis phlegm feed the pseudomonas?**

Sian Baldock, Hasan Yesilkaya, Peter Andrew, Erol Gaillard, Speaker to be confirmed

**Could nan1-expression and production by pseudomonas aeruginosa be a prognostic factor for survival in CF patients**

Guergana Petrova, Penka Perenovska, Tanya Strateva, Speaker to be confirmed

**Efficacy and safety of inhaled antibiotics for chronic pseudomonas infection in cystic fibrosis: Network meta-analysis**

Stuart Elborn, Anne-Lise Vataire, Ayako Fukushima, Samuel Aballá, Amine Khemiri, Curtis Moore, Goran Medic, Michiel Hemels, Speaker to be confirmed

**Within-subject variability of lung function in newborn screened (NBS) CF infants**

Gwyneth Davies, Lena Thia, Ah-Fong Hoo, Paul Aurora, Angie Wade, Andrew Bush, Janet Stocks, Speaker to be confirmed

**Infant lung function testing: First in vivo report of a novel inert gas washout method to measure LCI**

Anna Shawcross, Clare Murray, Jane Kirkby, Katy Pike, Alex Horsley, Speaker to be confirmed

**Dynamic hyperinflation causes exercise limitation in patients with cystic fibrosis**

Cristina Hernandez Gonzalez, Marta Iscar Urrutia, Marta García Clemente, Liliana Perez Martinez, Angelica Orellana Gonzalez, Ana Isabel Enríquez Rodríguez, Gemma Rubinos Cuadrado, María José Vázquez López, Ramón Fernández Álvarez, Pere Casan Clara, Speaker to be confirmed

**Do chest computed tomography and radiography influence clinical management in children with cystic fibrosis?**

Carla Federica Bortoluzzi, Eleonora Pontello, Emily Pintani, Karin de Winter-de Groot, Baroukh Assael, Harm Tiddens, Myriam Hunink, Daan Caudri, Speaker to be confirmed

**Use of national disease registries in the conduct of long-term post-authorisation drug safety studies (LTSSs)**

Diana Bilton, Noreen Caine, Rebecca Cosgriff, Stephen Nyangoma, Siobhan Carr, Speaker to be confirmed

**Ataluren in nonsense mutation cystic fibrosis patients not receiving chronic inhaled tobramycin: Evaluation of exacerbations and lung function**

Isabelle Sermet-Gaudelus, Harm Tiddens, Anne Malfroot, Harry Heijerman, Eitan Kerem, Lena Hjelte, Yiping Sun, Joseph McIntosh, Jane Davies, Christiane de Boeck, Speaker to be confirmed

**Ability of the lung clearance index to monitor progression of early lung disease in children with cystic fibrosis**

Rachel Foong, Kathryn Ramsey, Alana Harper, Lidija Turkovic, Billy Skoric, Tim Rosenow, Louise King, Miriam Davis, Charles Clem, Stephen Stick, Sarath Ranganathan, Graham Hall, Stephanie Davis, Speaker to be confirmed

**Comparison of bronchodilator responsiveness in children with primary ciliary dyskinesia and cystic fibrosis**

Victoria Keenan, Amanda Harris, Sarah Payne, Caroline Yonge, Bruna Rubbo, Amanda Friend, Kerry Gove, Julian Legg, Hazel Evans, Lucas Jane, Connett Gary, Walker Woolf, Speaker to be confirmed

08:30 - 10:30

**Poster Discussion: Lung cancer: therapeutic modalities, re-staging and follow-up**

Chairs :

**Equal efficacy of gefitinib in chemo-naïve lung adenocarcinoma patients with either exon 19 deletion or L858R point mutation**

Chou-Han Lin, Chao-Chi Ho, Speaker to be confirmed

**Lung adenocarcinoma mimicking interstitial lung disease showed good response to navelbine monotherapy**

Yeonhee Park, Myoung-Rin Park, Dong-Il Park, Chae-Uk Chung, Jae-Young Moon, Jeong-Eun Lee, Hee-sun Park, Sung-su Jung, Sun-young Kim, Ju-Ock Kim, Speaker to be confirmed

**Pemetrexed in maintenance therapy of 164 patients with advanced non-small-cell lung cancer (NSCLC)**

Jana Skricková, Zbynek Bortlicek, Karel Hejduk, Milos Pesek, Vitezslav Kolek, Marcela Tomiskova, Ivona Grygarkova, Leona Koubkova, Marketa Cernovska, Jaromir Roubec, Frantisek Salajka, Milada Zemanova, Helena Coupkova, Monika Satankova, Milosalav Marel, Speaker to be confirmed

**Impact of second-line treatment on overall survival of advanced lung adenocarcinoma patients**

Chai Chee Shee, Liam Chong Kin, Pang Yong Kek, Kow Keng Siong, Poh Mau Ern, Wong Chee Kuan, Tan Jiunn Liang, Speaker to be confirmed

**Chemotherapy toxicity in advanced non-small cell lung cancer and its impact on survival**

Hela Cherif, Saoussen Bacha, Sonia Habibeche, Hager Racil, Sana Cheikhrouhou, Naouel Chaouech, Abdellatif Chabbou, Mohamed Lamine Megdiche, Speaker to be confirmed

**Risk factors of febrile neutropenia induced by chemotherapy in lung cancer patients**

Shinpei Tsuchida, Hironobu Tsubouchi, Akiko Kitamura, Nobuhiro Matsumoto, Masamitsu Nakazato, Speaker to be confirmed

**Does consolidation chemotherapy improve survival for locally advanced non-small-cell lung cancer patients receiving concurrent chemoradiotherapy?**

Berna Kö mü rcü oğlu, Yelda Vatanserver, Esra Korkmaz, Aysen Evkan, Enver Yalviz, Speaker to be confirmed

**Checkpoint inhibition in lung cancer – How to distinguish pseudoprogression from progressive disease**

Achim Rittmeyer, Birgit Zwerger, Reinhardt Christian, Josef Rü schoff, Hans-Ulrich Schildhaus, Stefan Andreas, Speaker to be confirmed

**Progression vs. pseudo progression in the treatment of squamous NSCLC with nivolumab**

Stefan Rudiger, Cornelia Kropf-Sanchen, Gerlinde Schmidtke-Schrezenmeier, Marta Aksentiy, Katja Hoss, Wolfgang Rottbauer, Speaker to be confirmed

**What predicts radiation pneumonitis best? Pulmonary injury after curatively intended radiotherapy of early-stage lung cancer**

Janna Berg, May-Bente Bengtson, Odd Terje Brustugun, Å slaug Helland, Speaker to be confirmed

**Early surgical resection for stage I high-grade neuroendocrine carcinoma of lung**

Eisuke Mochizuki, Kyohei Oishi, Koichi Miyashita, Koshiro Ichijyo, Syunya Furukawa, Miyuki Nagaoka, Syun Matsuura, Shinichiro Mikura, Masaru Tsukui, Naoki Koshimizu, Speaker to be confirmed

**Management of residual pleural space and persistent airleak after major lung resection**

Kalliopi Athanassiadi, Ioannis Alevizakis, Nikolaos Papakonstantinou, Stamatios Kakaris, Speaker to be confirmed

**Should preoperative FDG uptake on PET/CT guide postoperative surveillance in surgical non-small cell lung cancer (NSCLC)**

Emma Denny, Sarah Clarke, Ravi Ragatha, Samir Naik, Peter Russell, Nick Panagiotopoulos, David Lawrence, Ugo Ekeowa, Speaker to be confirmed

**Follow-up after surgical treatment of lung cancer: The potential impact of international guidelines on current UK practice**

Jennifer Capps, Victoria Grannon, Saumitra Baksi, Saifudin Khalid, Speaker to be confirmed

**Evaluation of response to chemotherapy with fiberoptic bronchoscopy in lung cancers**

Krsto Jandric, Sanja Glisic, Olivera Ljuboja, Speaker to be confirmed

**Lung cancer revisited – CT scan and bronchoscopy concordance after treatment**

Cláudia Sofia Vaz Guerreiro, Jorge Dionísio, José Duro da Costa, Speaker to be confirmed

**Screening for intracerebral metastasis in radically treated non-small cell lung cancer patients**

Wang Yng Lim, Sam Roberts, Claire Exley, Llinos Jones, Speaker to be confirmed

**A case with a primary adrenal insufficiency secondary to nivolumab**

Nur Sinem Sengoz Coskun, Ilgin Yildirim Simsir, Tuncay Göksel, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Management of dyspnoea and exacerbations in chronic lung diseases**

Chairs :

**Short physical performance battery as a predictor of adverse outcomes following hospitalisation for an acute exacerbation of COPD**

08:30

Samantha Kon, Sarah Jones, Susie Schofield, Winston Banya, Jane Canavan, Claire Nolan, Brigitte Haselden, Michael Polkey, Paul Cullinan, William Man, Speaker to be confirmed

**A phase III, multi-site, randomised, double blind, placebo controlled parallel arm study of daily extended release (ER) morphine for chronic breathlessness**

08:45

David Currow, Magnus Ekström, Belinda Fazekas, John Plummer, Stephen Quinn, Christine McDonald, Meera Agar, Katherine Clark, Simon Eckermann, Amy Abernethy, Speaker to be confirmed

**Motor cortex hypoexcitability and hypoactivation in COPD patients with peripheral muscle weakness**

09:00

Alain Varray, Francois Alexandre, Emilie Tremey, Nicolas Oliver, Dominique Bourgouin, Nelly Heraud, Speaker to be confirmed

**Characterisation of a novel symptom of chronic obstructive pulmonary disease: Bendopnoea**

09:15

Melissa McDonnell, Niamh Duignan, Robert Rutherford, Speaker to be confirmed

**Prescription of opioids for breathlessness in end-stage chronic obstructive pulmonary disease: A national population based study**

09:30

Zainab Ahmadi, Eva Bernelid, David C. Currow, Magnus P. Ekström, Speaker to be confirmed

**The impact of exacerbations on adherence and outcomes of pulmonary rehabilitation in patients with COPD**

09:45

Dionne Braeken, Sarah Wilke, Dionne Smid, Gernot Rohde, Jesse Drijkoningen, Emiel Wouters, Martijn Spruit, Frits Franssen, Speaker to be confirmed

**Development of a Barthel index based on dyspnea for patients with respiratory diseases**

10:00

Michele Vitacca, Mara Paneroni, Paola Baiardi, Vito De Carolis, Elisabetta Zampogna, Stefano Belli, Mauro Carone, Antonio Spanevello, Bruno Balbi, Giorgio Bertolotti, Speaker to be confirmed

08:30 - 10:30

**Oral Presentation: Novel tools and approaches to diagnosis of obstructive sleep apnoea**

Chairs :

**Validation of the Dutch STOPBANG screening questionnaire for OSAS in healthy workers**

08:30

Susan Huttenhuis, Michiel Eijsvogel, Sytske Wieggersma, Job van der Palen, Speaker to be confirmed

**Micro-sleep (MS) as a marker of resistance to excessive daytime sleepiness (EDS) in patients with OSA**

08:45

Francesco Fanfulla, Elisa Morrone, Rossella Trentin, Nadia D'Artavilla Lupo, Aleksandar Prpa, Speaker to be confirmed

**Establishing a normal range model using real time events, driving simulator (MiniUoLDS) outcome and performance based on standard deviation of lane position (SDLP) in untreated OSAS patients and controls**

09:00

Akshay Dwarakanath, Dipansu Ghosh, Samantha Jamson, Paul Baxter, Mark Elliott, Speaker to be confirmed

**Accuracy of overnight pulse oximetry in diagnosing moderate to severe obstructive sleep apnoea**

09:15

Parminder Bhomra, Nadia Sayeed, Ibrahim Shah, Adeel Sahal, Speaker to be confirmed

**Assessment of an automated neural network based on unsupervised oximetry at home in the diagnosis of patients with moderate-to-severe SAHS and COPD**

09:30

Andrea Crespo Sedano, Ana María Andrés Blanco, Daniel Álvarez González, Gonzalo César Gutiérrez-Tobal, Carmen Ainhoa Arroyo Domingo, Julio De Frutos Arribas, Tomas Ruiz Albi, Laura Juez García, Roberto Hornero Sánchez, Félix Del Campo Matías, Speaker to be confirmed

**09:45** **Impact of different hypopnea definitions on obstructive sleep apnea severity and cardiovascular mortality risk in women and elderly**  
Ramón Farré Ventura, Francisco Campos-Rodriguez, Miguel A. Martinez-Garcia, Nuria Reyes-Núñez, Maria J. Selma-Ferrer, Speaker to be confirmed

**10:00** **Evaluation of respiratory effort in sleep apnea patients using a new method for suprasternal pressure recording**  
Thomas Penzel, Katharina Jelavic, Martin Glos, Maria Platzeck, Carmen Garcia, Ingo Fietze, Speaker to be confirmed

08:30 - 10:30

### Oral Presentation: Paediatric asthma: from amniotic fluid to dirty streets

Chairs :

**08:30** **Metabolomics profile of amniotic fluid and early recurrent wheezing**  
Silvia Carraro, Giuseppe Giordano, Paola Pirillo, Mauro Naturale, Matteo Stocchero, Michiel Houben, Eugenio Baraldi, Louis Bont, Speaker to be confirmed

**08:45** **Effect of prenatal hypoxia-induced growth restriction on lung structure in adult rats**  
Kimberley Wang, Jude Morton, Sandra Davidge, Alexander Larcombe, Alan James, Peter Noble, Speaker to be confirmed

**09:00** **Symptomatic treatment of pollen-related allergic rhinoconjunctivitis in children: Randomized controlled trial**  
Jorien Wartna, Arthur Bohnen, Gijs Elshout, Marielle Pijnenburg, David Pols, Roy Gerth van Wijk, Patrick Bindels, Speaker to be confirmed

**09:15** **Higher doses of inhaled steroid are associated with bacterial bronchitis in children with severe therapy resistant asthma (STRA)**  
James Cook, Andrew Bush, Sejal Saglani, Louise Fleming, Speaker to be confirmed

**09:30** **Receptor of advanced glycation end products in childhood asthma exacerbation**  
Adel Bediwy, Samir Maher Hassan, Marwa Rushdy El-Najjar, Speaker to be confirmed

**09:45** **Effect of high-intensity exercise on aerobic performance and airway inflammation in asthma**  
Charles Winn, Melitta McNarry, Gareth Stratton, Andrew Wilson, Gwyneth Davies, Speaker to be confirmed

**10:00** **Association of neighborhood hygiene (dirty streets and alleys) on urban children with asthma**  
Cassia Lewis-Land, Mary Beth Bollinger, Mona Tsoukleris, Arlene Butz, Speaker to be confirmed

08:30 - 10:30

### Oral Presentation: Best abstracts on innovative outcomes and novel interventions in respiratory physiotherapy

Chairs :

**08:30** **Cost-analysis of a physiotherapy program, focused on early mobility and managed protocols of non-invasive ventilation and weaning from mechanical ventilation, in a clinical emergency department**  
Luciana Vieira, Chris Burtin, Ludmilla Figueiredo, Rodrigo Garbero, Joana Castro, Alexandre Luque, Speaker to be confirmed

**08:45** **Cognition in COPD patients**  
Brenda Deering, Diane Gillan, Marie Guidon, Richard Costello, Speaker to be confirmed

**09:00** **Contact time between patients with COPD and coach during an activity telecoaching intervention: Impact on the intervention effect**  
Matthias Loeckx, Zafeiris Louvaris, Rebecca Tanner, Noah Rubio, Anja Frej, Corina de Jong, Elena Gimeno Santos, Heleen Demeyer, Maarten Spruyt, Sara Buttery, Nick Hopkinson, Gilbert Buesching, Alexandra Strassmann, Ignasi Serra, Roberto Rabinovich, Giannis Vogiatzis, Michael Polkey, Judith Garcia-Aymerich, Thierry Troosters, Speaker to be confirmed

**09:15** **Neuromuscular electrical stimulation in adults with advanced disease: An updated Cochrane systematic review**  
Matthew Maddocks, Sarah Jones, William Man, Wei Gao, Irene Higginson, Andrew Wilcock, Speaker to be confirmed

**09:30** **The effect of fatigue on bipedal postural control in patients with severe chronic obstructive pulmonary disease**  
Katerina Neumannová, Nicolas Vuillerme, Zdenek Svoboda, Vladimir Koblizek, Vratislav Sedlak, Jaromir Zatloukal, Marek Plutinsky, Miroslav Janura, Speaker to be confirmed

**09:45** **Gait parameters, balance and risk of falls in COPD: Cross sectional study**  
Kalyana Chakravarthy Bairapareddy, Priyanka Jirange, K. Vaishali, Speaker to be confirmed

**10:00** **Effects of hypertonic saline on sputum clearance in patients with bronchiectasis**  
Victoria Alcaraz Serrano, Beatriz Herrero Cortina, Jordi Vilaró Casamitjana, Edmundo Rosales Mayor, Antoni Torres Martí, Eva Polverino, Speaker to be confirmed

08:30 - 10:30

### Oral Presentation: New insights from aspects of tuberculosis epidemiology

Chairs :

**08:30** **Statin use and the risk of tuberculosis: Data from 305,142 patients**  
Vincent Yi-Fong Su, Speaker to be confirmed

**08:45** **Active tuberculosis increases the risk of incident osteoporosis- A nation-wide population based cohort study**  
Jia-Yih Feng, Ying-Ying Chen, Yung-Feng Yen, Sheng-Wei Pan, Wei-Juin Su, Speaker to be confirmed

**09:00** **Facilities for treating multidrug-resistant tuberculosis (MDRTB) in Europe**  
Graham H. Bothamley, Christoph Lange, Speaker to be confirmed

**09:15** **A prediction rule to stratify mortality risk of patients with pulmonary tuberculosis**  
Helder Novais e Bastos, Nuno Osório, António Gil Castro, Angélica Ramos, Teresa Carvalho, Leonor Meira, David Araújo, Leonor Almeida, Rita Boaventura, Patrícia Fragata, Catarina Chaves, Patrício Costa, Ivo Ferreira, Sara Magalhães, Fernando Rodrigues, Rui Sarmiento Castro, Raquel Duarte, João Tiago Guimarães, Margarida Saraiva, Speaker to be confirmed

**09:30** **Breast tuberculosis in East London**  
Benjamn Butler, Amina Khanam, Jessica Potter, Charlotte Longman, Thomas Champion, Silvia O'Keeffe, Simon Tiberi, Matthew Burman, Nivenka Jayasekera, Veronica White, Heinke Kunst, Speaker to be confirmed

**09:45** **Genotypes of mycobacterium tuberculosis with pre-extended drug resistance in Belarus**  
Veronika Slizen, Larissa Surkova, Speaker to be confirmed

**10:00** **Dynamics of primary multidrug drug resistance in Novokuznetsk over 10 years period**  
Arkadiy Khanin, Irina Viktorova, Sergey Dolgikh, Irina Garavskaya, Speaker to be confirmed

10:45 - 12:45

### Symposium: The stage I non-small-cell lung cancer

#### What a pulmonologist and thoracic surgeon should know

**Aims :** This session aims to provide a comprehensive and updated overview of issues related to early stage lung cancer that are still being debated. These issues include the optimal diagnostics, the benefits of molecular diagnostics and biomarkers, the factors that influence the treatment outcome, and the rapidly changing spectrum of surgical options for stage I NSCLC.

**Track(s) :** Oncology

**Tag(s) :** Clinical

**Chairs :** Dragan R. Subotic (Belgrade, Republic of Serbia), Nicolas Schönfeld (Berlin, Germany)

**10:45** **Biological markers**  
Virginie Westeel (Besançon, France)

**11:15** **Role of CT and PET in detecting non-aggressive stage IA NSCLC**  
Walter De Wever (Leuven, Belgium)

**11:45** **Wide therapeutic spectrum for limited disease: lobectomy vs. segmentectomy, and video-assisted thoracoscopic surgery (VATS) vs. open surgery**  
Martin Huertgen (Koblenz, Germany)

**12:15** **Survival predictors**  
Paul E. Van Schil (Edegem, Belgium)

10:45 - 12:45

### Symposium: Clinical relevance of COPD phenotyping



**Aims :** COPD is an important disease worldwide. However, the current treatments for COPD still lack sufficient efficacy, especially in terms of preventing disease progression and treating advanced stage disease. A better knowledge and understanding of the different COPD phenotypes will lead to a better understanding of the treatment choices; it will also help to promote the development of other treatments in the future. The main aims of the session are to describe the different phenotypes of COPD and the importance of these phenotypes for selecting the best treatments. Moreover, leading experts in the field will provide an update on the current and future treatment options for COPD.

**Track(s) :** Physiology

**Tag(s) :** Clinical

**Chairs :** Dirk-Jan Slebos (Groningen, Netherlands), Huib A.M. Kerstjens (Groningen, Netherlands), Chair to be confirmed

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|-------|---|
| 10:45 | <b>The different faces of COPD</b><br>James Hogg (Vancouver, Canada)              |
| 11:15 | <b>Cell and molecular phenotypes of COPD</b><br>Guy Brusselle (Ghent, Belgium)    |
| 11:45 | <b>Treatable trades of COPD</b><br>Wisla Wedzicha (London, United Kingdom)        |
| 12:15 | <b>Bronchoscopic treatment of COPD</b><br>Pallav L. Shah (London, United Kingdom) |

10:45 - 12:45

### Symposium: Occupational lung disease worldwide

**Aims :** It is well known that industrial regulations and permissible exposure limits are rarely followed by the industries in developing countries. The reason for this is that more than 80% of the polluting industries belong to informal sectors. As a result, very little information is available at the government level regarding the numbers and structural and functional patterns of these industries and the kinds of materials that they use. Therefore, occupational respiratory diseases in developing countries largely remain undiagnosed or misdiagnosed. The evidence to date suggests that industry has an alarming effect on both the health of the workers and the economy of developing countries. The aim of this session is to highlight some of the current issues surrounding occupational respiratory problems in developing countries. Future research directions and treatment policies that will improve diagnosis and prevent occupational respiratory disease will be discussed.

**Track(s) :** Epidemiology / Environment Physiology

**Tag(s) :** Healthy Lungs for Life (HLfL)

**Chairs :** Paul Blanc (San Francisco, United States of America), Elizabeth Fireman (Tel-Aviv, Israel)

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|-------|--|
| 10:45 | <b>Asbestos in developing countries: a never-ending issue</b><br>Arthur L. Frank (Philadelphia, United States of America)  |
| 11:15 | <b>Exposure-associated respiratory diseases in the neglected sectors</b><br>Subhabrata Moitra (Kolkata, India)   |
| 11:45 | <b>Occupational exposure and obstructive lung diseases: what we can learn from the large-scale European studies</b><br>Paul Cullinan (London, United Kingdom)                            |
| 12:15 | <b>Mitigation of occupational respiratory diseases: role of regional respiratory societies and policies in clinical practice and education</b><br>Surinder K. Jindal (Chandigarh, India) |

10:45 - 12:45

### Symposium: Complex breathing disorders during sleep

**Aims :** This session will focus on an exciting and increasingly important area for pulmonologists and sleep specialists, namely, patients with complex breathing disorders during sleep that are related to obesity hypoventilation, opioid-induced sleep apnoea, overlap syndrome, and obstructive sleep apnoea that relates to neuromuscular disorders.

**Track(s) :** Physiology Sleep

**Tag(s) :** Clinical

**Chairs :** Konrad E. Bloch (Zurich, Switzerland), Oana Claudia Deleanu (Bucarest, Romania)

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| 10:45 | <b>The spectrum of complex breathing disorders during sleep</b><br>Rami Khayat (Colombus, United States of America), Speaker to be confirmed               |
| 11:15 | <b>Interaction between obesity, pulmonary disease and sleep-disordered breathing (SDB)</b><br>Jean-Louis Pepin (Grenoble, France), Speaker to be confirmed |

**11:45**      **The role of the "central" component in the pathophysiology of complex breathing disorders during sleep**  
Johan Verbraecken (Edegem (Antwerp), Belgium)

**12:15**      **Therapeutic approach to complex breathing disorders during sleep**  
Winfried J. Randerath (Solingen, Germany)

10:45 - 12:45

### Session: London Respiratory Network

overcoming the trend to increasing specialisation to benefit patients with complex respiratory needs

**Aims :** As primary and community care extends its competence and scope, so the majority of patients in our hospitals today have complex problems that challenge our current ways of working. This symposium draws on the knowledge and experience of the London Respiratory Network, which represents respiratory interested professionals in this city of 8 million people, where £685 million a year is spent on respiratory care, but where there is still scope to improve respiratory outcomes. It focuses on children and adults with complex needs and provides some scalable exemplars of good practice.

**Target audience :** All clinicians from primary and secondary care who support patients with complex chronic problems such as disabling breathlessness, multi-morbidity, mental health problems, tobacco dependence - children and/or adults, clinicians and policy-makers with an interest in population-based medicine and value, in treating tobacco dependence, in practical examples of integrated care.

**Chairs :** Stefano Nardini (Vittorio Veneto, Italy), Noel Baxter (London, United Kingdom), Chair to be confirmed

**10:45**      **Unravelling the problems of obese children with breathing disorders**  
Andrew Bush (London, United Kingdom), Speaker to be confirmed

**11:15**      **Improving the outcomes for people with severe mental illness by addressing their tobacco dependence**  
Speaker to be confirmed

**11:45**      **The contemporary case conference: the value of inter-disciplinary working for people with COPD and multiple morbidities**  
Louise Jane Restruck (London, United Kingdom)

**12:15**      **It is the most frightening thing that I have ever experienced**  
Speaker to be confirmed

10:45 - 12:45

### Poster Discussion: Notable abstracts on clinical problems related to asthma

**Chairs :**

**Study the role of eNO-synthase gene polymorphism in patients with asthma and obesity**  
Tamara Pasiieshvili, Nataliya Zheleznyakova, Speaker to be confirmed

**Inhalation technique education in asthma or COPD: The value of a visual instruction card**  
Anneke Kemerink, Luc H. Steenhuis, Titia J. Klemmeier, J. Sebastiaan Vroegop, Siebrig Schokker, Speaker to be confirmed

**Application of impulse oscillometry and bronchial dilation test for analysis in patients with asthma and chronic obstructive pulmonary disease**  
Ping Wang, Speaker to be confirmed

**Mapping out asthma in the out-patient clinic – The MAPOUT II study**  
Asger Sverrild, Vibeke Backer, Celeste Porsbjerg, Speaker to be confirmed

**Phenotypic characteristics of asthma with small airways involvement**  
Benjamin Delcasso, Jean-Marc Dot, Jean-Michel Peloni, Gilles Devouassoux, Speaker to be confirmed

**A Study of misdiagnosing eosinophilia as bronchial asthma at a tertiary health care centre**  
Darshan Kumar Bajaj, Abhishek Dubey, Surya Kant, Mona Asnani, Speaker to be confirmed

**Evaluation of fatigue state with virus-related novel biomarkers in obstructive lung diseases**  
Yumi Kaneko, Katsutoshi Nakayama, Nayuta Saito, Kazuya Tsubouchi, Naoko Sato, Masahiro Yoshida, Yusuke Kurita, Kenji Kobayashi, Hirofumi Utsumi, Haruhiko Yanagisawa, Mitsuo Hashimoto, Hiroshi Wakui, Syunsuke Minagawa, Atsushi Kojima, Hiromichi Hara, Takanori Numata, Jun Araya, Kazuyoshi Kuwano, Nobuyuki Kobayashi, Kazuhiro Kondo, Speaker to be confirmed

**Improved characterization of obstructive airways diseases by parameterization of specific resistance loops**  
Marko Topalovic, Vasileios Exadaktylos, Geert Celis, Jean-Marie Aerts, Thierry Troosters, Wim Janssens, Speaker to be confirmed

**Evaluation of efficacy of the modified method for a sputum induction**

Natalya Alexandrovna Latypova, Sofia Hismatulina, Saltanat Karzhauova, Speaker to be confirmed

**Human neutrophil gelatinase-associated lipocalin: A new biomarker in asthma-COPD overlap syndrome**

Serap Duru Akç ali, Bahar Kurt, Fattma Uç ar, Esra Erdemir, Emine Alay, Speaker to be confirmed

**A predictive model of failed stepping-down of inhaled corticosteroids in adult asthmatics**

Katsuyuki Tomita, Hirokazu Touge, Shizuka Nishii, Hiromitsu Sakai, Akira Yamasaki, Eiji Shimizu, Speaker to be confirmed

**Optimal cut-off value and clinical usefulness of adherence starts with knowledge-12 (ASK-12) in asthmatic patients taking inhaled corticosteroid**

Masaya Takemura, Masayuki Nishio, Kensuke Fukumitsu, Norihisa Takeda, Hiroya Ichikawa, Takamitsu Asano, Hisatoshi Hijikata, Yoshihiro Kanemitsu, Takehiro Uemura, Osamu Takakuwa, Hirotugu Ohkubo, Ken Maeno, Yutaka Ito, Atsushi Nakamura, Kosho Yoshikawa, Akio Niimi, Speaker to be confirmed

**Cognitive impairment in patients with eosinophilic granulomatosis with polyangiitis (EGPA): Service evaluation in a regional severe asthma centre in North-west England**

Sarah Diver, Binita Kane, Dorothy Ryan, Leanne Jo Holmes, Steve Fowler, Robert Niven, Speaker to be confirmed

**Adherence to asthma medication and preferences for once-daily treatment: Importance of treatment intrusiveness and patient beliefs**

Sarah Chapman, Peter Dale, Henrik Svedsater, Gillian Stynes, Nicola Vyas, David Price, Rob Horne, Speaker to be confirmed

**Risk factors of postoperative pulmonary complications in bronchial asthma and COPD patients**

Takanori Numata, Katsutoshi Nakayama, Nayuta Saito, Kazuya Tsubouchi, Nahoko Sato, Masahiro Yoshida, Yusuke Kurita, Kenji Kobayashi, Hirofumi Utsumi, Haruhiko Yanagisawa, Mitsuo Hashimoto, Hiroshi Wakui, Shunsuke Minagawa, Jun Kojima, Hiromichi Hara, Jun Araya, Yumi Kaneko, Kazuyoshi Kuwano, Speaker to be confirmed

**Asthma and diabetes type 2 and their co-existence: Possible changes in lung function and their importance**

Lada Sorokina, Vasilij Ivanov, Anna Eremeeva, Ecaterina Rubeco, Mikhail Nyoma, Valeriy Mineev, Vasilij Trofimov, Speaker to be confirmed

**Patients hospitalised with an infective exacerbation of bronchiectasis unrelated to cystic fibrosis: Clinical, physiological and sputum characteristics**

Victoria Venning, Lata Jayaram, James Bartlett, Speaker to be confirmed

**High burden of A. fumigatus among chronic respiratory diseases**

Yosuke Fukuda, Shintaro Suzuki, Tetsuya Homma, Hironori Sagara, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Pleural diseases****Chairs :****Position and size of tube chest drainage, what impact in pneumothorax outcome?**

Lamia Missaoui, Haifa Zaibi, Aymen Ayari, Jihen Ben Amar, M. Ali Baccar, Salwa Azzebi, Bisma Dhahri, Hichem Aouina, Speaker to be confirmed

**Contribution of PIPE Score on prognostic evaluation of idiopathic pleural effusions (IPE)**

Maria Alejandra Galarza Jimenez, Esteban Pérez-Rodríguez, Paola Lucía Arrieta-Narváez, Rosa Mariela Mirambeaux-Villalona, Patricia Castro-Acosta, Beatriz Martínez-García, Ana Soledad Jaureguizar-Oriol, Speaker to be confirmed

**Thoracoscopic tetracycline poudrage for pleurodesis in malignant pleural effusion**

Amr Shoukri, Speaker to be confirmed

**An review of infection rates of invasive pleural procedures**

Anna Duffy, Avinash Aujayeb, David Cooper, Sean Parker, Jonathan Miller, Steve Bourke, Mark Weatherhead, Speaker to be confirmed

**Diagnostic yield of the new pleural biopsy needle ((Esmat's needle)) in exudative pleural effusion**

Ahmed Mansour, Noran Elbazzar, Speaker to be confirmed

**Comparison between bronchoscopy, closed (Abram's) and medical thoracoscopic pleural biopsies in undiagnosed pleural effusions**

Davis Kizhakkepeedika Rennis, Jaboy Bibin, Speaker to be confirmed

**Local anaesthetic thoracoscopy: Evaluation of a thoracoscopy service in east dorset**

Michael Brown, Vijay Joshi, Ravi Punwani, Simon Crowther, Speaker to be confirmed

**What factors influence the duration of pneumothorax drainage?**

Lamia Missaoui, Haifa Hassine, Aymen Ayari, Besma Dhahri, M. Ali Baccar, Salwa Azzebi, Jihen Ben Amar, Hichem Aouina, Speaker to be confirmed

**Early consideration of definitive pleural palliation can reduce the number and duration of serial thoracentesis**

Candice Wilshire, Carson Fuller, Rob Ely, Christopher Gilbert, Brian Louie, Ralph Aye, Alexander Farivar, Eric Vallieres, Jed Gorden, Speaker to be confirmed

**Management experience of chronic empyema with pleuroscopy at Jinnah Post Graduate Medical Centre Karachi Pakistan**

Kamran Khan, Nadeem Rizvi, Speaker to be confirmed

**Descriptive analysis of thoracoscopic interventions in resource poor setting, Kandy, Sri Lanka**

Dushantha Madegedara, Hasanthi Herath, Speaker to be confirmed

**Level 2 single port local anaesthetic thoracoscopy for empyema – Complications and outcomes**

Parthipan Sivakumar, Farinaz Noorzad, Liju Ahmed, Speaker to be confirmed

**Blunt dissection chest drains and indwelling pleural catheters - The trainee's perspective**

Kate Millington, Rachel Jones, Ari Manuel, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: The nature of pulmonary hypertension****Chairs :****Vascular remodelling is reversed following BMPR2 modified endothelial progenitor cell therapy in a MCT-induced PAH rat model**

Rebecca Harper, Rebekah Ward, Claudine Bonder, Paul Reynolds, Speaker to be confirmed

**IL18 induces p38 MAP kinase activation and adhesion capacities in BMPRII knocked down human lung microvascular endothelial cells**

Leanda Vengethasamy, Rik Gijssbers, Annelies Michiels, Birger Tielemans, Allard Wagenaar, Ricard Farre Marti, Catharina Belge, Marion Delcroix, Rozenn Quarck, Speaker to be confirmed

**Immunity in idiopathic pulmonary arterial hypertension (IPAH), a role for activated DCs?**

Thomas Koudstaal, Jennifer van Hulst, Tridib Das, Peter Heukels, Daphne Merkus, Michiel de Raaf, Ingrid Bergen, Harmjan Bogaard, Cantano Reis e Sousa, Geert van Loo, Rudi Hendriks, Karin Boomars, Mirjam Kool, Speaker to be confirmed

**Anti-fibrotic effects of pirfenidone on pulmonary arterial vascular smooth muscle cells**

Changwu Lu, Tatyana Novoyatleva, Baktybek Kojonazarov, Hossein Ardeschir Ghofrani, Friedrich Grimminger, Norbert Weissmann, Werner Seeger, Ralph Schermuly, Speaker to be confirmed

**Role and regulation of Jumonji C domain-containing histone demethylases 1A and 2B in pulmonary hypertension**

Christian Muecke, Swati Dabral, Werner Seeger, Soni Savai Pullamsetti, Speaker to be confirmed

**A new molecular genetic diagnostic approach for pulmonary arterial hypertension**

Christina Eichstaedt, Jie Song, Rebecca Rodríguez Viales, Nicola Benjamin, Satenik Harutyunova, Christine Fischer, Ekkehard Grünig, Katrin Hinderhofer, Speaker to be confirmed

**NMDA receptor crosstalk with PDGFR- and BMPR2 is involved in smooth muscle cell proliferation in pulmonary arterial hypertension**

Marceau Quatredeniens, Audrey Courboulain, Sébastien J. Dumas, Nicolas Doisne, Marc Humbert, Sylvia Cohen-Kaminsky, Speaker to be confirmed

**The effect of ASK1 inhibition on hypoxia-induced pulmonary artery fibroblast activation and associated paracrine effects on vascular smooth muscle cells**

Kathryn Wilson, Korneilija Suveizdyte, John Liles, Grant Budas, Andrew Peacock, David Welsh, Speaker to be confirmed

**Clinical phenotypes and outcomes of pulmonary veno-occlusive disease in carriers of bi-allelic EIF2AK4 mutations**

David Montani, Barbara Girerd, David Amar, Xavier Jais, Laurent Savale, Peter Dorfmueller, Andrei Seferian, Edmund Lau, Mélanie Eyries, Jérôme Lepavec, Florence Parent, Florent Soubrier, Elie Fadel, Olivier Sitbon, Gérald Simonneau, Marc Humbert, Speaker to be confirmed

**Erythropoietin recapitulates hemodynamic features of hypoxia-induced pulmonary hypertension in mice**

Julien Becker, Emilie Peter-Thiebaut, Ghina Bou About, Lahcen El Fertak, Megane Denu, Hugues Jacobs, Patrick Reilly, Yann Hérault, Laurent Monassier, Speaker to be confirmed

**Neutrophils' atomic force microscopy in COPD with pulmonary hypertension (PH)**

Avdeev Sergey, Gaynitdinova Viliya, Sharafutdinova Lucie, Kamaletdinov Ilnur, Speaker to be confirmed

**Roundabout (Robo) receptors on pulmonary artery endothelial cells: Implications for pulmonary arterial hypertension**

Zacharoula Nikolakopoulou, Tatiana Svermova, Jasarat Chowdhury, John Wort, Anne Burke-Gaffney, Speaker to be confirmed

**Hemodynamic and anti-remodelling effect of the Rho kinase inhibitor Y-27632 in the monocrotaline pulmonary arterial hypertension rat model**

Silvia Cantoni, Fiorella Pastore, Stefano Cavalli, Gessica Marchini, Gino Villetti, Romina Nassini, Francesco De Logu, Fabrizio Facchinetti, Speaker to be confirmed

**Antenatal sildenafil-simvastatin combination attenuates pulmonary hypoplasia and hypertension in nitrofen-induced congenital diaphragmatic hernia**

Céline Dewachter, Martine Makanga, Hidekazu Maruyama, Emeline Hupkens, Jean-Luc Vachier, Robert Naeije, Laurence Dewachter, Speaker to be confirmed

**Uric acid causes excessive pulmonary arterial smooth muscle cell proliferation via URATv1 upregulation in pulmonary arterial hypertension**

Yuichi Tamura, Ly Tu, Tsunehisa Yamamoto, Carole Phan, Raphael Thuillet, Alice Huertas, Morane Le Hiress, Elie Fadele, Marc Humbert, Christophe Guignabert, Speaker to be confirmed

**Analysis of the subcellular localization in BMPR2 gene in pulmonary arterial hypertension**

Guillermo Pousada, Vincenzo Lupo, Adolfo Balóira, Carmen Espinós, Diana Valverde, Speaker to be confirmed

**Targeting aquaporin 1 reverses hypoxia-induced pulmonary hypertension in mice**

Claudio Schuoler, Thomas Haider, Caroline Leuenberger, Johannes Vogel, Louise Ostergaard, Malcolm Kohler, Max Gassmann, Lars Huber, Matthias Brock, Speaker to be confirmed

**LSC Abstract – Histone deacetylase 7 mediated metabolic remodeling: A new crosslink between pulmonary hypertension and cancer**

Elisabetta Gamen, Prakash Chelladurai, Friedrich Grimminger, Rajkumar Savai, Werner Seeger, Soni Savai Pullamsetti, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Airway pharmacology: drug targets and mode of action**

Chairs :

**Prostacyclin IP receptor activation blocks hyperosmolar-induced bronchoconstriction in isolated human small airways**

Jesper Säfholm, Johan Bood, Sven-Erik Dahlén, Mikael Adner, Speaker to be confirmed

**Monitoring local pulmonary cAMP levels: Combining precision cut lung slice (PCLS) and fluorescence resonance energy transfer (FRET) technologies in mice**

Martina Schmidt, Haoxio Zuo, Wilfred Jelco Poppinga, Viacheslav Nikolaev, Speaker to be confirmed

**Olodaterol attenuates bleomycin induced lung fibrosis in mice**

Franziska Herrmann, Stefan-Lutz Wollin, Florian Gantner, Eva Wex, Speaker to be confirmed

**Pharmacological characterization of the mechanism of action leading to synergism between glycopyrronium bromide and indacaterol fumarate**

Luigino Calzetta, Paola Rogliani, Ermanno Puxeddu, Josuel Ora, Francesco Facciolo, Maria Gabriella Matera, Mario Cazzola, Speaker to be confirmed

**Slow dissociation kinetics of LAMAs contribute to the functional interactions with LABAs**

Reinoud Gosens, Carolina R.S. Elzinga, I. Sophie T. Bos, Herman Meurs, Loes E.M. Kistemaker, Speaker to be confirmed

**Increased expression of ADRB2, CHRM3 and glucocorticoid alpha receptor genes in blood leukocytes of COPD patients**

Alexey Chukhlovin, Olga Titova, Nikita Yolshin, Natalya Kuzubova, Speaker to be confirmed

**Neurokinin-1 receptor antagonism for the treatment of cough in lung cancer**

Amelie Harle, Fiona Blackhall, Alex Molassiotis, Kim Holt, Rachel Dockry, Philip Russell, Katy Burns, Ryan Robinson, Mark Birrell, Maria Belvisi, Jaclyn Smith, Speaker to be confirmed

**Budesonide and fluticasone propionate exert differential effects on human bronchial epithelial cells exposed to streptococcus pneumoniae and viral mimetic**

H. Irene Heijink, Marnix Jonker, Dirkje S. Postma, Maarten van den Berge, Speaker to be confirmed

**Pharmacological characterization of the anti-oxidant activity of N-acetylcysteine in an ex vivo model of COPD exacerbation**

Paola Rogliani, Josuel Ora, Luigino Calzetta, Gabriella Lucà, Maria Gabriella Matera, Mario Cazzola, Speaker to be confirmed

**Anti-inflammatory activity of the bradykinin B<sub>1</sub>R antagonist in a model of LPS-induced lung inflammation in cynomolgus monkey**

Thierry Bouyssou, Birgit Jung, Peter Nickolaus, Jeff Duan, Feihong Dai, Henri Doods, Speaker to be confirmed

**Effect of high, medium, and low molecular weight hyaluronan on inflammation and oxidative stress in an in vitro model of human nasal epithelial cells**

Giusy D. Albano, Anna Bonanno, Luca Cavalieri, Eleonora Ingrassia, Caterina Di Sano, Liboria Siena, Loredana Riccobono, Rosalia Gagliardo, Mirella Profita, Speaker to be confirmed

**The combination of TNF- $\alpha$  neutralization and dexamethasone treatment restored the corticosteroid responsiveness in tobacco smoking mice**

Yuki Nishimoto, Genki Kimura, Keitaro Ueda, Takahiro Nakaoki, Kazuhiro Ito, Yasuo Kizawa, Speaker to be confirmed

**Alpha-7 nicotinic receptor stimulation reduces airway inflammation in a murine model of asthma**

Fernanda Paula Roncon Santana, Cláudia Jeane Claudino de Pontes Miranda, Nathália Montouro Pinheiro, Adenir Perini, Luciana Chagas Caperuto, Iolanda de Fátima Lopes Calvo Tibério, Marco Antônio Maximo Prado, Milton de Arruda Martins, Vânia Ferreira Prado, Carla Máximo Prado, Speaker to be confirmed

**WNT-4 regulates pro-inflammatory responses driven by epithelial-mesenchymal cross-talk**

Anita I.R. Spanjer, Eline M. van Dijk, Jacobien A. Noordhoek, Corry-Anke Brandsma, Wim Timens, Dirkje S. Postma, Herman Meurs, Reinoud Gosens, Irene H. Heijink, Speaker to be confirmed

**Maintenance of IRF1 by MAPK inhibition: A mechanism by which DUSP1 reduces glucocorticoid inhibition of CXCL10**

Suharsh Shah, Mahmoud Mostafa, Mohammed Altonsy, Robert Newton, Speaker to be confirmed

**Central role for the TRPV4-ATP-P2X3 axis in sensory nerve activation and the late asthmatic response**

Mark Birrell, Sara J. Bonvini, Katie E. Baker, Bilel Dekkak, Anthony Ford, Montse Miralpeix, Gema Tarrason, Jaclyn A. Smith, Maria G. Belvisi, Speaker to be confirmed

**TRPM3: A regulator of airway sensory nerves and respiratory reflexes**

Sara Bonvini, Maham Arshad, Michael A. Wortley, John J. Adcock, Eric Dubuis, Cassandra Kosmidou, Sarah A. Maher, Fisnik Shala, Joris Vriens, Thomas Voets, Mark A. Birrell, Maria G. Belvisi, Speaker to be confirmed

**Direct activation of sensory afferents by diesel exhaust particles can trigger respiratory symptoms**

Ryan Robinson, Mark Birrell, Michael Wortley, Eric Dubuis, Shu Chen, Catriona McGilvery, Sheng Hu, Sara Bonvini, Sarah Maher, John Adcock, Ian Mudway, Alexandra Porter, Terry Tetley, Maria Belvisi, Speaker to be confirmed

10:45 - 12:45

**Poster Discussion: Mesothelioma and malignant pleural disease**

Chairs :

**The role of amiloride sensitive epithelial sodium channel (ENaC) in cell migration of mesothelioma cells is dependent on the cell type and the extracellular matrix**

Rajesh Jagirdar, Paschalis Adam Molyvdas, Konstantinos Gourgoulianis, Chrissi Hatzoglou, Sotirios Zarogiannis, Speaker to be confirmed

**Effect of asbestos on gene expression of tight junctions components in malignant pleural mesothelioma**

Erasmia Rouka, Georgios Vavougiou, Evgeniy Solenov, Konstantinos Gourgoulianis, Chrissi Hatzoglou, Sotirios Zarogiannis, Speaker to be confirmed

**Salvage treatment in patients with recurrent or resistant malignant pleura mesothelioma. A retrospective study from tertiary oncology department**

Andriani Charpidou, George Tsironis, Sofia Tsagouli, Aris Nikolaou, Antonis Bassias, Ilias Kainis, Marios Zontanos, Sotiris Tsimpoukis, Kostas Syrigos, Speaker to be confirmed

**Comparison between mesothelin and fibulin-3 detection in pleural malignant mesothelioma (MPM) patients**

Valentina Pinelli, Donatella Fini, Enrico Battolla, Paola Ferro, Maria Cristiana Franceschini, Vincenzo Fontana, Maria Pia Pistillo, Silvio Roncella, Pier Aldo Canessa, Speaker to be confirmed

**A comparative study of conventional cytology and cell block method in the diagnosis of pleural effusion**

Theerada Assawasaksakul, Viboon Boonsarngsuk, Pimpin Incharoen, Speaker to be confirmed

**Diagnostic value of pleural fluid angiopoietin-2 (Ang-2) levels, to differentiate malignant pleural effusions from benign pleural effusions**

Alaattin Koseler, Omer Ayten, Dilaver Tas, Gulhan Ayhan, Oguzhan Okutan, Faruk Ciftci, Speaker to be confirmed

**IL-33 levels in pleural fluids from various etiologies differentially alter mesothelial cell adhesion and migration**

Ourania Kotsiou, Rajesh Jagirdar, Chrissi Hatzogou, Konstantinos Gourgoulisanis, Sotirios Zarogiannis, Speaker to be confirmed

**Intrapleural photodynamic therapy for malignant pleural mesothelioma: A new dosimetry approach**

Camille Munck, Arnaud Scherpereel, Xavier Dhalluin, Henri Porte, Serge Mordon, Nacim Betrouni, Speaker to be confirmed

**LSC Abstract – Differentiation between inflammation and hyperinflammation in the murine lung**

Kathleen Reiss, Marco Schlepütz, Christian Martin, Stefan Uhlig, Speaker to be confirmed

**VOC analysis in headspace air of mesothelioma and lung cancer cell lines: A comparative literature study**

Sabrina Lagniau, Kevin Lamote, Karim Vermaelen, Jan P. Van Meerbeeck, Speaker to be confirmed

**Outcome of pleurodesis using different agents in management of malignant pleural effusion**

Reham Elkolaly, Mohamed Abo-Elnasr, Dina El-Guindy, Speaker to be confirmed

**Incidence of malignancy in patients with pleural effusion referred for workup by pulmonologists: Diagnostic yield of thoracentesis, and use of other investigational procedures**

Dennis V. Lindegaard, Simon Reuter, Christian B. Laursen, Uffe Bødtger, Speaker to be confirmed

**An elevated neutrophil lymphocyte ratio is a poor prognostic marker in all categories of pleural effusions**

Jane Basham, Kevin Sampang, Maninder Singh, Pathmanathan Sivakumaran, Bajee Sriram, Speaker to be confirmed

**Malignant pleural effusion and incidence of pleural thickening in thorax CT**

Ana Jaureguizar Oriol, Esteban Perez Rodriguez, Paola Arrieta Narváez, Rosa Mirambeaux Villalona, Patricia Castro Acosta, Beatriz Martin Garcia, Esther Barbero Herranz, Speaker to be confirmed

**Sclerosing hemangioma presented by huge mediastinal lymph nodes metastasis, mimicking lung malignancy**

Jung Hyun Chang, Yeji Han, Speaker to be confirmed

**An examination of the factors for successful pleurodesis against malignant pleural effusion (MPE)**

Eriko Suzuki, Takeda Yuichiro, Sugiyama Haruhito, Hojo Masayuki, Izumi Shinyu, Ikura Motokazu, Naka Go, Suzuki Manabu, Kobayashi Konomi, Shiozawa Ayako, Yamamoto Shota, Suzuki Tomoyuki, Sakamoto Keita, Speaker to be confirmed

**Malignant pleural effusion with talc pleurodesis: Is small bore catheter hospital stay shorter than large bore catheter?**

Ülkü Akar, Aka Aktürk, Nagihan Durmus Kocak, Cansel Atinkaya Öztürk, Dilek Ernam, Aysun Sengül, Merve Alan Tepetam, Elçin Ersöz, Speaker to be confirmed

**Comparison analysis of malignant and tuberculous pleural fluid using proteomic method**

Chang Youl Lee, Ji Young Hong, Myung-Goo Lee, Seung Hun Jang, In-Bum Suh, Speaker to be confirmed

10:45 - 12:45

Oral Presentation: IPF treatment II

Chairs :

- 10:45** **No effect of baseline diffusing capacity of lung for carbon monoxide on benefit of nintedanib**  
Toby Maher, Kevin R. Flaherty, Yoshikazu Inoue, Luca Richeldi, Moisés Selman, Wibke Stansen, Susanne Stowasser, Athol Wells, Speaker to be confirmed
- 11:00** **Long-term treatment with nintedanib in patients with IPF: An update from INPULSIS®-ON**  
Bruno Crestani, Manuel Quaresma, Mitchell Kaye, Wibke Stansen, Susanne Stowasser, Michael Kreuter, Speaker to be confirmed
- 11:15** **Clinical experience with nintedanib for IPF in 3 UK tertiary referral centres**  
Hannah Toellner, W. Beswick, M.G. Crooks, C. Donaldson, I. Forrest, S.P. Hart, C. Leonard, M. Major, A.J. Simpson, N. Chaudhuri, Speaker to be confirmed
- 11:30** **Effect of baseline statin use on benefit of nintedanib**  
Michael Kreuter, Ulrich Costabel, Luca Richeldi, Vincent Cottin, Daniel Wachtlin, Susanne Stowasser, Martin Kolb, Speaker to be confirmed
- 11:45** **Relationship between nintedanib exposure and adverse events in patients with idiopathic pulmonary fibrosis**  
Ulrike Schmid, Benjamin Weber, Claudia Dallinger, Luca Richeldi, Christoph Hallmann, Ganesh Raghu, Matthias Freiwald, Speaker to be confirmed
- 12:00** **Predicting life expectancy for pirfenidone and best supportive care (BSC) in idiopathic pulmonary fibrosis (IPF)**  
Mark Fisher, Toby M. Maher, Steven D. Nathan, Christian Hill, Jade Marshall, Fred Dejonckheere, Per-Olof Thuresson, Nitya Mathew, Speaker to be confirmed
- 12:15** **Predictors of response to pirfenidone treatment in patients with idiopathic pulmonary fibrosis (IPF)**  
Elisabetta Balestro, Graziella Turato, Davide Biondini, Sofia Pavanello, Alessia Fraccaro, Chiara Rigobello, Erica Bazzan, Manuela Campisi, Simonetta Baraldo, Manuel Cosio, Marina Saetta, Paolo Spagnolo, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Emerging concepts in lung disease pathogenesis**

Chairs :

- 10:45** **The novel myokine irisin interacts with hyaluronic acid in a cell-specific way and in association with COPD progression and severity**  
Eleni Papakonstantinou, Michael Roth, Jyotshna Mandal, Michael Tamm, Daiana Stolz, Speaker to be confirmed
- 11:00** **Rhinovirus-induced IL-33 expression in asthmatic airway smooth muscle cells is TLR3-dependent and involves activation of TAK1**  
Jenny Calvé n, Hamid Akbarshahi, Sangeetha Ramu, Charalambos Michaeloudes, Kian Fan Chung, Lena Uller, Speaker to be confirmed
- 11:15** **The key role of microRNA-34a in the reduction of sirtuin-1 in COPD**  
Jonathan Baker, Tom Colley, Kaz Ito, Peter Barnes, Speaker to be confirmed
- 11:30** **Involvement of ferroptosis in COPD pathogenesis**  
Masahiro Yoshida, Shunsuke Minagawa, Jun Araya, Hiromichi Hara, Nayuta Saito, Nahoko Sato, Kazuya Tsubouchi, Yusuke Kurita, Kenji Kobayashi, Saburo Ito, Takanori Numata, Yumi Kaneko, Katsutoshi Nakayama, Kazuyoshi Kuwano, Speaker to be confirmed
- 11:45** **SH2 domain-containing phosphatase-SHP-2 is a novel anti-fibrotic regulator in pulmonary fibrosis**  
Argyris Tzouvelekis, Guoying Yu, Jose Herazo-Maya, Tony Woolard, Yi Zhang, Hojin Lee, Patty Lee, Erica Herzog, Anton Bennett, Naftali Kaminski, Speaker to be confirmed
- 12:00** **Axl receptor tyrosine kinase drives cell cycle re-entry and promotes symmetric cell division of airway basal cells in response to injury**  
Naoya Fujino, Toshifumi Fujimori, Rose Maciewicz, Tracy Hussell, Speaker to be confirmed
- 12:15** **Hidden dangers of E-cigarettes: Airway macrophage dysfunction and altered inflammatory response**  
Miranda Ween, Paul Reynolds, Sandra Hodge, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Monitoring airway diseases with different tools**

Chairs :



- 10:45** **The relationship between presence of small airways disease and baseline characteristics of asthma and COPD patients**  
Marija Kojicic Vukoja, Dragana Milicic, Miroslav Ilic, Ivan Kopitovic, Speaker to be confirmed
- 11:00** **Validation of impulse oscillometry R5-R20 as a small airways dysfunction detection tool in adult asthma**  
Marcia Soares, Rafael Bordas, James Thorpe, Breanda Timmerman, Christopher Brightling, David Kay, Kelly Burrowes, Owers-Bradley John, Salman Siddiqui, Speaker to be confirmed
- 11:15** **Influence of written action plans and patient education on future hospital admissions – Results from the disease management program (DMP) asthma in the North Rhine region in Germany**  
Arne Weber, Bernd Hagen, Sabine Groos, Jens Kretschmann, Speaker to be confirmed
- 11:30** **Calculation of peripheral airspace dimensions from deposition of inhaled nanoparticles**  
Jakob Löndahl, Jonas Jakobsson, David M. Broday, Laura H. Aaltonen, Per Wollmer, Speaker to be confirmed
- 11:45** **Optical coherence tomography for human airway wall layer identification and quantification**  
Julia N.S. d'Hooghe, Daniel M. de Bruin, Joris J.T.H. Roelofs, Jouke T. Annema, Peter I. Bonta, Speaker to be confirmed
- 12:00** **Limitations of nasal nitric oxide as a screening method of primary ciliary dyskinesia in childhood**  
Maria Teresa Romero Rubio, Prieto Andrés Jesús, Armengot Carceller Miguel, Escribano Montaner Amparo, Speaker to be confirmed
- 12:15** **Self-efficacy in patients with COPD using an online selfmanagement program**  
Geertje de Boer, Bianka Mennema, Esther van Noort, Erwin Birnie, Johannes In't Veen, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Molecular immunology of the lung**

Chairs :

- 10:45** **LSC Abstract – Defect in the translational control of cytokines leading to hyperresponsive bronchial epithelial cells in asthmatics**  
Abilash Ravi, Saheli Chowdhury, Annemiek Dijkhuis, Rene Lutter, Speaker to be confirmed
- 11:00** **LSC Abstract – A human lung explant model of fibrogenesis for the assessment of anti-fibrotic strategies in idiopathic pulmonary fibrosis**  
Katy Roach, Chris Newby, Y. Amrani, Peter Bradding, Speaker to be confirmed
- 11:15** **Non-invasive urinary lipid mediator excretion profiles identify sub-phenotypes of asthma in the U-BIOPRED study**  
Johan Kolmert, Cristina Gomez, Diane Lefaudeux, Bertrand DeMeulder, Anna James, Charles Auffray, Craig Wheelock, Sven-Erik Dahlen, Speaker to be confirmed
- 11:30** **Expressions of chemokines recruiting eosinophil and monocyte in well-differentiated human bronchial epithelial cells stimulated with staphylococcal enterotoxin**  
Sae-Hoon Kim, Byung-Keun Kim, Sung-Yoon Kang, Soon-Hee Kim, Yoon-Seok Chang, Speaker to be confirmed
- 11:45** **Asthma patients hospitalized with influenza lack mucosal and systemic type 2 inflammation**  
Akhilesh Jha, Jake Dunning, Tanushree Tunstall, Trevor Hansel, Peter Openshaw, Speaker to be confirmed
- 12:00** **Serum level directed itraconazole therapy in allergic bronchopulmonary aspergillosis**  
Kshitij Agarwal, Roger Bruggemann, Anuradha Chowdhary, J.F. Meis, S.N. Gaur, Speaker to be confirmed
- 12:15** **Dipeptidyl peptidase I (DPPI) cleaves surfactant protein D (SP-D): A mechanism for immune compromise in the lung**  
Yaroslav Shkanov, Rose-Marie A. Mackay, Rhys George, Laurie C.K. Lau, Rana Abadalkareem, John Pedersen, Andrew F. Walls, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Important factors, besides smoking, related to lung function and decline in lung function**

Chairs :

**Menopause is associated with accelerated lung function decline in the longitudinal European community respiratory health survey**

10:45 Kai Triebner, Bobette Matulonga, Ane Johannessen, Sandra Suske, Luca Puggini, Judith Garcia Aymerich, Eva Lindberg, Vivi Schlißnussen, Jesús Martínez Moratalla Rovira, Nerea Muniozguren Agirre, Chantal Raheerison, Isabelle Pin, Pascal Demoly, Mathias Holm, Rain Jørgensen, Karl A. Franklin, Bryndis Benediksdottir, Debbie Jarvis, Cecilie Svanes, Joachim Heinrich, Jordi Sunyer, Nicole Probst-Hensch, Shyamali C. Dharmage, Steinar Hustad, Béatrice de Lathauwer, Francisco Gómez Real, Speaker to be confirmed

**Prognostic significance of large airway measures on computed tomography (CT) in the general population: The MESA-lung study**

11:00 Elizabeth Oelsner, Eric Hoffman, Benjamin Smith, Erin Michos, David Jacobs, Ravi Kalhan, Daniel Rabinowitz, R. Graham Barr, Speaker to be confirmed

**Abdominal adiposity measured by ultrasound and pulmonary function: A cross-sectional analysis nested in a birth cohort**

11:15 Ana Maria Menezes, Paula D. de Oliveira, Fernando C. Wehrmeister, Rogelio Pérez-Padilla, Helen Gonçalves, Maria Cecilia F. Assunção, Bernardo L. Horta, Denise P. Gigante, Fernando C. Barros, Speaker to be confirmed

**Lung function in postmenopausal women from the UK Biobank**

11:30 Andre Amaral, David Strachan, Francisco Gomez Real, Peter Burney, Deborah Jarvis, Speaker to be confirmed

**Long-term physical activity pattern and lung function in European adults**

11:45 Elaine Fuertes, Josep M. Antó, Roberto Bono, Anne-Elie Carsin, Shyamali Dharmage, Thorarinn Gislason, Deborah Jarvis, Ane Johannessen, Joachim Heinrich, Béatrice de Lathauwer, Alessandro Marcon, Wasif Raza, Francisco Gomez Real, Melissa Russell, Cecilie Svanes, Judith Garcia Aymerich, Speaker to be confirmed

**Methylated CpGs in early life predict lung function in subsequent periods**

12:00 Shadia Khan Sunny, Akhilesh Kaushal, Hongmei Zhang, S. Hasan Arshad, John W. Holloway, Wilfried Karmaus, Speaker to be confirmed

**Differentially methylated genes related to gestational age are also expressed during fetal lung development**

12:15 Simon Kebede Merid, Cheng-Jian Xu, Mariona Bustamante, Nour Baiz, Isabella Annesi-Maesano, Josep M. Antó, Jean Bousquet, Olena Gruzieva, Juha Kere, Ashish Kumar, Göran Pershagen, Dirkje Postma, Jordi Sunyer, Cilla Söderhäll, Kelan Tantisira, Scott T. Weiss, Gerard H. Koppelman, Erik Melé, Speaker to be confirmed

10:45 - 12:45

**Oral Presentation: Paediatric respiratory infection and immunology**

Chairs :

**A randomized controlled trial examining high-flow oxygen in the management of infants with moderate bronchiolitis**

10:45 Elizabeth Kepreotes, Bruce Whitehead, John Attia, Christopher Oldmeadow, Adam Collison, Bernadette Goddard, Mark Lee, Linda Cheese, Jodi Hilton, Michael Anscombe, Michael Zhang, Mark Kepreotes, Lynelle Jenkinson, Camilla Askie, Leanne Lehrle, Laurence Roddick, Tanya Gulliver, Joerg Mattes, Speaker to be confirmed

**Metabolomic analysis of infectious parapneumonic effusions reveals biomarkers for management of children with streptococcus pneumoniae pneumonia**

11:00 Chih-Yung Chiu, Gigin Lin, Mei-Ling Cheng, Meng-Han Chiang, Shen-Hao Lai, Kin-Sun Wong, Speaker to be confirmed

**Detection of respiratory syncytial virus in cord blood mononucleocytes is most prevalent in samples from winter births**

11:15 Angela Fonseca, Abha Chopra, Avram Levy, Matthew Wee-Peng Poh, Paul Noakes, Natasha Bear, Susan Prescott, Mark Everard, Speaker to be confirmed

**Nasal airway epithelial cells cytokine responses in children stratified by asthma and atopy**

11:30 Stephen Turner, Danielle Spiteri, David Miller, Alison Scaife, Graham Devereux, Garry Walsh, Speaker to be confirmed

**TSLP and periostin in infants with viral bronchiolitis**

11:45 Ana Moreira, M<sup>o</sup> Luz García, Cristina Calvo, Sergio Quevedo, Francisco Pozo, Inmaculada Casas, Victoria del Pozo, Speaker to be confirmed

**12:00** **Microbiota in children with HIV-associated bronchiectasis**  
Refiloe Masekela, Solize Volsoo, Robin Green, Fanus Venter, Speaker to be confirmed

**12:15** **Conservation of oxygen supply using reservoir cannulas for pediatric oxygen therapy: Proof-of-concept**  
Grace Wu, Alec Wollen, Stephen Himley, Robert Diblasi, Gene Saxon, Jaclyn Delarosa, Glenn Austin, Rasa Izadnegahdar, Darin Zehring, Speaker to be confirmed

10:45 - 12:45

### Oral Presentation: Translational research in respiratory infections

Chairs :

**10:45** **Vasculotide reduced pulmonary hyperpermeability in pneumococcal pneumonia**  
Birgitt Gutbier, XiaoHui Jiang, Carolin Ehrler, Tim J. Mitchell, Norbert Weissmann, Paul Van Slyke, Dan J. Dumont, Norbert Suttorp, Martin Witzenrath, Speaker to be confirmed

**11:00** **Pneumococcal pneumonia in baboons; a novel translational science model**  
Luis Reyes, Cecilia Hinojosa, Nilam Soni, Carlos Orihuela, Marcos Restrepo, Speaker to be confirmed

**11:15** **Fluticasone propionate alters the respiratory tract microbiota and has dose-related effects on anti-bacterial host defence**  
Aran Singanayagam, Nicholas Glanville, Phillip James, Leah Cuthbertson, Nathan Bartlett, Miriam Moffatt, William Cookson, Sebastian Johnston, Speaker to be confirmed

**11:30** **An alternative method to the infection detection for differentiation of 3 and 4 MRGN germs by use of GC IMS**  
Gunther Becher, Roman Purkhart, Tobias Raessler, Werner Schueler, Claus Steppert, Speaker to be confirmed

**11:45** **Associations between haemophilus influenzae and levels of sputum antimicrobial peptides in COPD**  
Louise Persson, Marianne Aanerud, Jon A. Hardie, Per S. Bakke, Tomas M. Eagan, Pieter S. Hiemstra, Speaker to be confirmed

**12:00** **Cigarette smoke inhibits bacteria-induced FABP5 expression by preventing c-Jun binding to FABP5 promoter**  
Fabienne Gally, Deviyani Rao, Anne-Laure Perraud, Carsten Schmitz, Speaker to be confirmed

**12:15** **A comparative study of pulmonary host defense in murine obesity models: Important insights into neutrophil function**  
Niki Ubags, Elianne Burg, Maryellen Antkowiak, Aaron Wallace, Estee Dilli, Jenna Bement, Matthew Wargo, Matthew Poynter, Emiel Wouters, Benjamin Suratt, Speaker to be confirmed

14:45 - 16:45

### Poster Discussion: From cardiopulmonary interaction to locomotor muscles and dyspnoea in health and disease

Chairs :

**Intrinsic mitochondrial function in COPD is not impaired in lower limb skeletal muscle**  
Bhavesh Popat, Tim Constantin, Despina Constantin, Lorna Latimer, Charlotte Bolton, Paul Greenhaff, Michael Steiner, Speaker to be confirmed

**Usefulness of the forced oscillation technique in diagnosing asthma-COPD overlap syndrome**  
Toshihiro Shirai, Keita Hirai, Taisuke Akamatsu, Takahito Suzuki, Ichiro Hayashi, Akito Yamamoto, Takefumi Akita, Satoru Morita, Kazuhiro Asada, Speaker to be confirmed

**Influence of bicarbonate on ventilatory drive in healthy subjects**  
Eline Oppersma, Jonne Doorduyn, Johannes van der Hoeven, Peter Veltink, Leo Heunks, Speaker to be confirmed

**Do COPD patients with only mild-to-moderate airflow obstruction present with endothelial dysfunction?**  
Joel Zelt, Trevor King, Daniel Hirai, Joshua Jones, Ingrid Rafferty, Luiza Castanhas, Kyra Pyke, Denis O'Donnell, J. Alberto Neder, Speaker to be confirmed

**Combined hypoxia and inactivity: Effect on ventilatory demands during rest and exercise**  
Antonella Lo Mauro, Igor Mekjavic, Andrea Aliverti, Speaker to be confirmed

**Relationships between sarcopenia and pulmonary function, exercise capacity, and prognosis in patients with COPD**

Yukari Sugiyama, Kazuhisa Asai, Shinya Yoshida, Yohkoh Kyomoto, Tamaki Kawamoto, Kanako Sato, Yuko Kureya, Atsuko Okamoto, Kazuhiro Yamada, Naoko Yoshii, Tetsuya Watanabe, Masato Uji, Kazuto Hirata, Speaker to be confirmed

**COPD influences on left heart wall stress — An analysis of the COSYCONET cohort**

Peter Alter, Henrik Watz, Tobias Welte, Sven Glä ser, Holger Schulz, Robert Bals, Sandra Sö hler, Annika Karch, Claus Vogelmeier, Rudolf Jö rres, Speaker to be confirmed

**Ventilatory adaptation to eccentric cycling in moderate to severe COPD patients**

Ophé lie Ritter, Alicia Guillien, Nicolas Tordi, Laurent Mourot, Malika Bouhaddi, Davy Laroche, Delphine Besson, Jean-Marie Casillas, Bruno Degano, Speaker to be confirmed

**Can the lung be obese? Lung tissue volume (Vtiss) is elevated in severe obesity and reduced by bariatric surgery**

Arnoldo Santos, Eva Rivas, Robert Rodriguez-Roisin, Jesus Ruiz-Cabello, Ebymar Arismendi, Jose G. Venegas, Speaker to be confirmed

**Exercise-induced bronchoconstriction: New cellular and molecular mechanisms evaluated in 80 male marathon runners**

Rodolfo de Paula Vieira, Ana Paula Sierra, Manoel C. Oliveira-Junior, Francine M. Almeida, Marino Benetti, Rodrigo Oliveira, Soraia Nogueira, Isabella Santos Genaro, Beatriz Manguiera Saraiva-Romanholo, Milton Arruda Martins, Nabil Ghorayeb, Maria Fernanda Cury-Boaventura, Joã o Bosco Pesqueiro, Maria Augusta Peduti Dal Molin Kiss, Speaker to be confirmed

**Impaired control of gait in patients with severe obstructive sleep apnea is reversed by continuous positive airway pressure treatment**

Sé bastien Baillieul, Bernard Wuyam, Mathieu Marillier, Dominic Perennou, Jean-Louis Pepin, Samuel Verges, Speaker to be confirmed

**COPD or not COPD: Answer in FEV1**

Alicia Guillien, Marc Puyraveau, Thibaud Soumagne, Matthieu Veil-Picard, Pauline Roux, Sté phanie Guillou, Fabrice Rannou, Patrick Berger, Fré dé ric Mauny, Jean-Jacques Laplante, Jean-Charles Dalphin, Bruno Degano, Speaker to be confirmed

**Pectoralis muscle area and skeletal muscle strength in patients with ILD**

Pietro Merola, Ricardo Gass, Rui Gustavo Paulus Dorneles, Marcelo Gazzana, Fernando Gazzoni, Bruno Hochegger, Samuel Vergé s, Danilo Berton, Speaker to be confirmed

**Simple daily step count predicts long-term changes in arterial stiffness in symptomatic COPD patients**

Motohiko Miura, Toshiyasu Yatsu, Katsuya Takita, Musashi Abe, Ayumi Ito, Tatsuya Otsuka, Yuusuke Tashiro, Tomohiro Sakakibara, Speaker to be confirmed

**Heliox moderates multidimensional domains of exertional dyspnoea in people with COPD**

Toby Hunt, Peter Frith, Gordon Ford, David Schembri, Marie Williams, Speaker to be confirmed

**Links between exercise-induced asthma and allergies in children: Should we pay a little more attention to children who are breathless to the effort?**

Kalomoira Kefala, Celine Hebette, Catia Castigliano, Marie Fonteyn, Julie Harvengt, Marie-Christine Seghaye, Speaker to be confirmed

**Inspiratory capacity manoeuvres may underestimate dynamic hyperinflation in patients with COPD; the explanation for apparent non-inflators**

Yuanming Luo, Zhihui Qiu, Joerg Steier, Baiting He, Nanshan Zhong, John Moxham, Michael Polkey, Speaker to be confirmed

**Noninvasive assessment of respiratory muscle strenght and activity in myotonic dystrophy**

Guilherme Fregonezi, Morgana Araujo Evangelista, Fernando Dias, Mario Emilio Dourado Jr., Illia Nadine Dantas Florentino Lima, Vanessa Resqueti, Andrea Aliverti, Speaker to be confirmed

## ■ SUNDAY 04 SEPTEMBER, 2016

13:15-14:30

Industry Practical Workshop : FeNO: A valuable biomarker for Asthma Phenotyping

*Organised by Aerocrine AB a Circassia company*

13:15-14:30

Industry Practical Workshop : Sleep Disordered Breathing and Cardiovascular Disease

*Organised by Philips*

13:15-14:30

Industry Practical Workshop : Flexible and Rigid Bronchoscopy in Adults

*Organised by Karl Storz GmbH & Co.KG*

13:15-14:30

Industry Practical Workshop : Quality assured LCI - overcoming challenges LCI for early detection and monitoring of Ventilation Inhomogeneity

*Organised by ndd Medizintechnik AG*

17:15-19:15

Industry evening symposium : Getting personal: the future for patients with COPD?

*Organised by AstraZeneca*

17:15-19:15

Industry evening symposium : Therapies and Strategies Stay Ahead in PAH

*Organised by Actelion Pharmaceuticals Ltd*

17:15-19:15

Industry evening symposium : Shaping the COPD landscape through early, optimal care

*Organised by Boehringer Ingelheim Pharma GmbH & Co. KG*

17:15-19:15

Industry evening symposium : Early diagnosis of IPF: a patient journey

*Organised by F. Hoffmann-La Roche*

17:15-19:15

Industry evening symposium : Disease management of COPD, AATD and NCFBE: What can we learn from real-life data?

*Organised by GRIFOLS, S.A.*

**17:15-19:15**

Industry evening symposium : Asthma: This time, it's personal.

*Organised by GlaxoSmithKline*

**17:15-19:15**

Industry evening symposium : NTM lung infections: challenging the current treatment approach

*Organised by Insmed*

**17:15-19:15**

Industry evening symposium : Navigating the bronchial tube: connecting the routes for successful real-life outcomes in asthma care

*Organised by Mundipharma International Ltd*

**17:15-19:15**

Industry evening symposium : The role of IgE in allergic asthma: A glance to the past, a toast to the future

*Organised by Novartis Pharma AG*

**17:15-19:15**

Industry evening symposium : New Frontiers and Clinical Advances in IMMUNOTHERAPY FOR ASTHMA

*Organised by Sanofi and Regeneron Pharmaceuticals*

**17:15-19:15**

Industry evening symposium : Device Matters | Looking beyond the drug

*Organised by Teva Branded Pharmaceutical Products R&D, Inc*

**17:30-19:00**

Industry evening mini symposium : Offering broader protection against influenza to your patients: the example of COPD

*Organised by GlaxoSmithKline Vaccines*

**17:30-19:00**

Industry evening mini symposium : "Coils for the treatment of advanced emphysema: evidence and learnings from randomized controlled programs."

*Organised by PneumRx Ltd, a BTG International group company*

## ■ MONDAY 05 SEPTEMBER, 2016

13:15-14:30

Industry Practical Workshop : Disease Management of the COPD Patient

*Organised by Philips*

13:15-14:30

Industry Practical Workshop : Bronchial Thermoplasty: Established Treatment for Severe Asthma

*Organised by Boston Scientific International*

13:15-14:30

Industry Practical Workshop :

*Organised by Covidien AG*

13:15-14:30

Industry Practical Workshop : Innovations towards personalized sleep therapy

*Organised by ResMed*

13:15-14:30

Industry Practical Workshop : iVAPS in Life Support and Telemedicine in Ventilation

*Organised by ResMed*

13:15-14:30

Industry Practical Workshop :

*Organised by PneumRx Ltd, a BTG International group company*

13:15-14:30

Industry Practical Workshop : EBUS State of the Art Training Interventional Pulmonology

*Organised by FUJIFILM Europe*

17:15-19:15

Industry evening symposium : Asthma management challenging long-standing assumptions

*Organised by AstraZeneca*

17:15-19:15

Industry evening symposium : Allergy immunotherapy in asthma management - new evidence and



**future opportunities***Organised by ALK***17:15-19:15****Industry evening symposium : Where do we go from here? Personalised medicine and patient-focused care in IPF***Organised by Boehringer Ingelheim Pharma GmbH & Co. KG***17:15-19:15****Industry evening symposium : Managing the symptomatic asthma patient Options for the many and the few***Organised by Boehringer Ingelheim Pharma GmbH & Co. KG***17:15-19:15****Industry evening symposium : Personalised medicine in COPD: innovating to improve patient care***Organised by GlaxoSmithKline***17:15-19:15****Industry evening symposium : Exacerbation risk reduction in COPD patients: new evidence with dual bronchodilation***Organised by Novartis Pharma AG***17:15-19:15****Industry evening symposium : Optimising the management of patients with severe eosinophilic asthma: why, when and how?***Organised by Teva Branded Pharmaceutical Products R&D, Inc***17:15-19:15****Industry evening symposium : Pneumococcal vaccination and chronic respiratory diseases***Organised by Pfizer International Operations***17:30-19:00****Industry evening mini symposium : Challenges in the management of non-CF bronchiectasis***Organised by Bayer Pharma AG***17:30-19:00****Industry evening mini symposium : Real world clinical cases in acute PE care**

*Organised by Bayer Pharma AG*

**17:30-19:00**

**Industry evening mini symposium : CTEPH Challenging Clinical Cases**

*Organised by Merck Sharp & Dohme Corp.*

**17:30-19:00**

**Industry evening mini symposium : Moving Towards TB Elimination: Achievements Challenges in Adopting TB ImmunodiagnosticsA Case-Based, Interactive Program**

*Organised by Oxford Immunotec*

**17:30-19:00**

**Industry evening mini symposium : The Future is Now: Precision Treatment of Emphysema Patients**

*Organised by Pulmonx International SARL*

**17:30-19:00**

**Industry evening mini symposium : Contemporary management of Home NIV in COPD and OHS**

*Organised by ResMed*

## ■ TUESDAY 06 SEPTEMBER, 2016

**07:00-08:15**

Industry early morning symposium : Managing co-morbidities in patients with COPD SUMMIT and Beyond

*Organised by GlaxoSmithKline*

**13:15-14:30**

Industry Practical Workshop : iVAPS in life support and telemedicine in ventilation

*Organised by ResMed*

**13:15-14:30**

Industry Practical Workshop : Medical Thoracoscopy

*Organised by Karl Storz GmbH & Co.KG*

**13:15-14:30**

Industry Practical Workshop : The Orkney Islands to IntraOral Scanning the latest topics in Dental Sleep medicine

*Organised by ResMed*

**13:15-14:30**

Industry Practical Workshop : Innovation in Respiratory Care (POINT AWARDS)

*Organised by ERS*

**17:15-19:15**

Industry evening symposium : Uncontrolled Asthma

*Organised by AstraZeneca*

**17:15-19:15**

Industry evening symposium : The essentials of COPD maintenance therapy

*Organised by Boehringer Ingelheim Pharma GmbH & Co. KG*

**17:15-19:15**

Industry evening symposium : Modern management of airways disease

*Organised by Chiesi Farmaceutici S.p.A.*

**17:30-19:00**

Industry evening expert forum : Modifying Alpha-1 Antitrypsin Deficiency Related Emphysema:  
From Evidence to Practice

*Organised by CSL Behring GmbH*

17:30-19:00

Industry evening expert forum :

*Organised by Insmad*

17:30-19:00

Industry evening expert forum : Optimizing the Nitric Oxide pathway in PAH

*Organised by Merck & Co, Inc.*

17:30-19:00

Industry evening mini symposium : Metered Cryospray An Innovative Approach for Chronic  
Bronchitis Patients

*Organised by CSA Medical*

17:30-19:00

Industry evening mini symposium : "Technology New ways of supporting PAH patient  
management

*Organised by GlaxoSmithKline*

17:30-19:00

Industry evening mini symposium : Targeted Lung Denervation in Obstructive Lung Disease:  
Concept to Clinic

*Organised by Holaira*

17:30-19:00

Industry evening mini symposium : New challenges in COPD management

*Organised by Zambon Spa*

17:30-19:00

Industry evening mini symposium : Thinking beyond CPAP - Emerging alternative treatments for  
OSA

*Organised by Inspire Medical Systems, Bluepro and Nightbalance*

17:30-19:00

Industry evening mini symposium : Smoking cessation and pulmonary disorders: new horizons for smoking cessation

*Organised by Pfizer Ltd*