

THE 2016 RESPIRATORY HEALTH SUMMIT



AGENDA

24TH – 26TH MAY 2016
London, UK

EuroSciCon 

This international event will discuss the latest research related to the science of respiratory health (social, economic, health and environmental). In an informal academic setting this three-day event will bring together those working in all aspects of respiratory health and research. From infection and pathology to treatment and pharmacology; this summit will cover all aspects of respiratory health.

This event has [CPD accreditation](#)

www.lifescienceevents.com/Resp2016

#Resp2016

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PLEASE NOTE: DUE TO SECURITY CONTROLS, THERE IS NO ACCESS TO THE VENUE BEFORE 9AM
(Invited Talk times include 5 – 10 minutes for question; Oral presentations include 2-3 minutes for questions)

Day 1: Smoking

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:35	Introduction by the Chair Web-based smoking cessation strategies	<i>Assistant Professor Paraskevi A. Katsaounou, Medical School University of Athens, Athens, Greece</i>
10:35 – 11:10	Electronic Cigarettes and Quitting Smoking	<i>Dr Jon O. Ebbert, M.D., Professor of Medicine, Mayo Clinic, Rochester, Minnesota, USA</i>
11:10 – 11:40	Poster Review and Exhibitions	<i>Refreshments provided</i>
11:40 – 12:15	Does fear of lung disease motivate smokers to quit	<i>Dr John Nichols, University of Surrey, UK</i>
12:15 – 12:50	Power of Peers in Promoting Health and Prohibiting Smoking in adolescents	<i>Dr Nihaya Al-sheyab, PhD, MsN, RN Assistant Professor for Child and Adolescent Health, Maternal and Child Health Department, Chairperson of Community and Mental Health Nursing, Faculty of Nursing, JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY</i>
12:50 – 13:25	Combination pharmacological treatment for smoking cessation and weight gain prevention	<i>Dr Ryan Hurt, Mayo Clinic College of Medicine, USA</i>
13:25 – 14:25	Lunch Break with Exhibitions	<i>Poster viewing</i>
14:25 – 15:00	Volatile organic compounds in exhaled breath from tobacco cigarette and electronic cigarette smokers: Comparison with the emitted smoke composition.	<i>Professor Joan O. Grimalt, Institute of Environmental Assessment and Water Research (IDAEA), Barcelona, Spain</i>
15:00 – 15:35	Prenatal exposure to cigarette smoke: searching for biomarkers of exposure and harm	<i>Dr Kelly Ann BeruBe, Reader in Cell Biology and Dr Iain Perry, Cardiff School of Biosciences, Wales, UK</i>
15:35 – 16:05	Last Poster Review and Exhibitions	<i>Refreshments provided</i>
16:05 – 16:40	Cigarette smoking and risks of acute respiratory distress syndrome	<i>Dr. Murali Shyamsundar, Queen's University, Belfast, Belfast, United Kingdom</i>
16:40 – 17:00	Question Time	
17:00	Chairman's Summing Up	Close of Session

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Day 2: Clinical Management

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:00	Introduction by the Chairs	<i>Professor Claes Frostell</i> , Karolinska Institutet, Stockholm, Sweden and <i>Dr Ioannis Psallidas</i> , Honorary Consultant Respiratory Physician, Oxford Centre for Respiratory Medicine, UK
10:00 – 10:35	How surface characteristics might influence bacterial colonization and risk of respiratory infection during intubation and tracheostomy	<i>Professor Claes Frostell</i> , Karolinska Institutet, Stockholm, Sweden
10:35 – 11:10	ECMO in refractory respiratory failure	<i>Dr Lars Broman</i> , Karolinska University Hospital
11:10 – 11:40	Poster Review and Exhibitions	<i>Refreshments provided</i>
11:40 – 12:15	Smoking cessation in Lung cancer patient, is it worth it?	<i>Miss Rachel Roberts</i> , Portfolio Research Coordinator, Hywel Dda University Health Board, Clinical Research Centre, Prince Philip Hospital, Llanelli
12:15 – 12:50	Talk title to be confirmed	<i>Dr. Fei Chen</i> , Wayne State University, Detroit, United States
12:50 – 13:50	Lunch Break with Exhibitions	<i>Poster viewing</i>
13:50 – 14:25	Work Associated Irritable Larynx Syndrome	<i>Dr. Jennifer Anderson</i> , St. Michael's Hospital, Toronto, Canada
14:25 – 15:00	An Ultrasonic Contactless Sensor for Sleep Apnea Detection	<i>Dr Jean-Marc Ginoux</i> , Laboratory of Sciences of Information and Systems, Université de Toulon, Toulon, France
15:00 – 15:30	Last Poster Review and Exhibitions	<i>Refreshments provided</i>
15:30 – 16:05	Novel Portable Nebulisation Platform for Next Generation Inhaled Macromolecular Therapeutics	<i>Professor Leslie Yeo</i> , RMIT University, Melbourne, Australia
16:05 – 17:00	Question Time	
17:00	Chairman's Summing Up	Close of Session

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Day 3: Inflammation & Infection

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:35	Introduction by the Chair Targeting neutrophilic inflammation in pneumonia	<i>Dr. Ricardo Jorge Paixao Jose, University College London, London, United Kingdom</i>
10:35 – 11:10	P2Y receptors and airway inflammation	<i>Professor KO Wing Hung, The Chinese University of Hong Kong, Hong Kong, China</i>
11:10 – 11:40	Poster Review and Exhibitions	<i>Refreshments provided</i>
11:40 – 12:15	Novel mechanisms in airway smooth muscle affecting corticosteroid therapy in severe asthma	<i>Dr. Yassine Amrani, University of Leicester, Leicester, United Kingdom</i>
12:15 – 12:50	Acute-on-Chronic disease: The role of Cigarette Smoke-induced COPD for Acute Lung Injury	<i>Dr. Peter L. Radermacher, University of Ulm, Ulm, Germany</i>
12:50 – 13:50	Lunch Break with Exhibitions	<i>Poster viewing</i>
13:50 – 14:25	The 2014 US Nationwide Outbreak of Severe Respiratory Illness Associated with Enterovirus D68	<i>Dr. Guiqing Wang, New York Medical College, Valhalla, United States</i>
14:25 – 15:00	A new combined MTB complex and MTB Rifampicin / Isoniazid resistance detection test	<i>Dr Ning Tang, Ph.D, Abbott Molecular Inc., Des Plaines, IL, USA</i>
15:00 – 15:30	Question Time	
15:30	Chairman's Summing Up	Close of Session <i>Refreshments provided</i>

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ABOUT THE SPEAKERS

Jennifer Anderson, St. Michael's Hospital, Toronto, Canada

Dr Jennifer Anderson is the Director of the St Michaels Hospital Voice Clinic, which is the largest tertiary referral voice/ laryngology centre in Canada and fully affiliated with the University of Toronto. She is an Associate Professor in the Department of Otolaryngology-HNS with an adjunct appointment in the Faculty of Music. The Voice Clinic has a multidisciplinary team with highly skilled speech pathologists and a vocal pedagogist. The clinic has state of the art equipment including videostroboscopy, KTP laser and a voice research laboratory to provide diagnostic and therapeutic services. Areas of interest encompass neurologolaryngology, professional voice care, and airway problems including occupational laryngeal disorders..

Yassine Amrani, University of Leicester, Leicester, United Kingdom

Dr Amrani is a medical researcher interested in the pathogenesis of lung diseases. He has published over 80 peer-reviewed articles/reviews in top medical journals, wrote several book chapters in pulmonary medicine. His H-index is 34. He was the first in the field to have suggested the new concept that inflammation via the action of pro-asthmatic cytokines contribute to the impaired lung function in asthma by directly altering the function of airway smooth muscle. In more recent years, his interest shifted at finding novel therapeutic alternatives to treat severe asthmatics who are refractory to current therapies including corticosteroids and Beta-agonists.

Lars Broman, Karolinska University Hospital

Lars Mikael Broman MD PhD, Sr Consultant Intensivist and Anesthetist, ECMO Centrum Karolinska, Karolinska University Hospital, Stockholm, Sweden.

Medical studies at Uppsala University, Sweden. PhD in Physiology and Medical Biophysics, Uppsala 1997. Clinical training and specialization in Anestehsisa and Intensive Care. Earlier Medical director at level 1 and 2 Medical/Surgical ICUs. Clinical active physician at ECMO Center Karolinska since 2011, still teaching at Uppsala University, and research affiliation to Dept in Physiology and Pharamcology, Karilinska Institute, Stockholm, Sweden.

Jon O. Ebbert, M.D., Professor of Medicine, Mayo Clinic, Rochester, Minnesota, USA

Dr. Jon Ebbert is a Professor of Medicine, Associate Director for Research at the Nicotine Dependence Center at the Mayo Clinic in Rochester, MN, and a primary care clinician board certified in both internal medicine and addiction medicine. For the past 15 years, he has maintained an active clinical practice while conducting clinical research into the treatment of tobacco dependence. He has published over 100 articles in the area of tobacco dependence.

Kelly Ann BeruBe, Reader in Cell Biology, Cardiff School of Biosciences, Wales, UK

The Lung & Particles Research Group (LPRG) specializes in 'Molecular Environmental Health'. The principal research focus is the determination of intelligent biomarkers of exposure and harm in the human respiratory system following exposure to aerial xenobiotics. Our particular interest lies in understanding how pollutants (e.g. man-made, biological, natural and industrial) compromise lung biochemistry/metabolism and alter gene and protein expression to drive disease mechanisms. Our key research tool involves the generation of human tissue equivalents of the respiratory epithelia, derived from the stem cell niche of human donor tissue samples, as an alternative platform to replace the use of animal models.

Joan O. Grimalt, Institute of Environmental Assessment and Water Research (IDAEA, Barcelona, Spain

Male. Born in Palma (Mallorca). Research Professor of the Spanish Council for Scientific Research (CSIC). Director of the Institute of Environmental Assessment and Water Research (IDAEA) in

Barcelona. Environmental organic geochemist. Scientific career devoted to the study of natural and anthropogenic organic compounds as markers of the health status of ecosystems and organisms (including humans). Publication of more than 600 scientific papers. Supervision of 44 PhD thesis. Scientist included in the list of Essential Science Indicators of the ISI Web of Science in the topic Environment/Ecology and Social Sciences. H index = 65.

Ryan Hurt, Mayo Clinic College of Medicine, USA

Dr. Hurt is an Associate Professor of Medicine in the College of Medicine, and a Consultant in the Division of General Internal Medicine (GIM), Department of Medicine (DOM), Nicotine Dependence Center (NDC), and DOM Clinical Research Program (CRO) at Mayo Clinic in Rochester, MN. He has authored over 50 peer reviewed articles in the areas of obesity, nutrition, and addiction.

Ricardo Jorge Paixao Jose, University College London, London, United Kingdom

Dr José is a clinical lecturer in translational medicine and specialty registrar in respiratory and general internal medicine. He trained in medicine in South Africa and continued his postgraduate medical training in Manchester and London. Following the award for a competitive Wellcome Trust clinical research fellowship he completed his PhD in respiratory infection, inflammation and immunity at UCL in 2015. He has a clinical and research interest in respiratory infection and interstitial lung disease, particularly as a complication of cancer and its treatments.

John Nichols, University of Surrey, UK

John Nichols retired from clinical practice in 2015. However he continues to do research with colleagues at the University of Surrey. Over the years he has done research in the primary care setting on measles immunity, trace elements and health, female infertility, folic acid fortification, public awareness of health hazards, genetic tests in primary care and probiotics.

Iain Perry, Cardiff School of Biosciences, Wales, UK

Having graduated from Cardiff University, I am currently working on multiple projects with Professor P. Kille as a visiting researcher including: applying for funding to investigate altitude adaptations of earthworms during a doctorate, investigating altitudinal speciation of earthworms in the Azores, investigating transcriptional changes on murine models and lab grown lung epithelium with Dr K. BéruBé and developing a 3D protein structure printing service.

Peter L. Radermacher, University of Ulm, Ulm, Germany

1977–1984 University Medical School, Heinrich-Heine-University, Düsseldorf, 1984–1991 Resident in Anaesthesia, Department of Anaesthesiology, University Medical School, Heinrich-Heine-University, Düsseldorf; 1985 – 1987 Research Fellow, Dept. of Medical Intensive Care, Henri Mondor Hospital, Créteil (France), 1991–1992 Diving Medical Officer at the Naval Medical Institute, Federal German Navy, Kiel; 1994-2014 Professor, Dept. of Anaesthesiology, University Medical School, Ulm, 2002 Associate Professor, Laboratory of Fundamental and Applied Bioenergetics, Joseph Fourier University, Grenoble (France), 2007 Dr. honoris causa, Medical Faculty, University, Angers, France, 2010 Honorary Member of the Czech Society of Intensive Care Medicine, since 2014 Director Institute of Anaesthesiological Pathophysiology and Process Engineering, University Medical School, Ulm

Rachel Roberts, Portfolio Research Coordinator, Hywel Dda University Health Board, Clinical Research Centre, Prince Philip Hospital, Llanelli

Rachel is currently completing her PhD looking at the effects of smoking cessation on Lung Cancer prognosis at Swansea University and works within the Research & Development department of Hywel Dda University Health Board. Her main areas of research are in smoking cessation, lung cancer, and patient experiences.

Murali Shyamsundar, Queen's University, Belfast, Belfast, United Kingdom

Dr Murali Shyamsundar is a Senior Lecturer in Intensive Care Medicine and a NIHR Clinician Scientist Fellow. His research interests include prevention of acute respiratory distress syndrome (ARDS) in at risk patient population and identification of potential therapeutic targets using human models of ARDS.

Ning Tang, Ph.D, Abbott Molecular Inc., Des Plaines, IL, USA

Ning obtained her MD degree from Fujian Medical University of China. She earned her Ph.D. degree in cell Biology from Iowa State University (1991). After two years of postdoctoral work, she was employed by Abbott Laboratories in 1993. For the first three years with Abbott, she worked on a certain drug development project and a rare reagent development project. After 1996, her work was mostly focused on the diagnostic area and specifically on the molecular diagnostic assay developments. She is a major contributor to several important diagnostic products currently on the market.

KO Wing Hung, The Chinese University of Hong Kong, Hong Kong, China

Dr. Wing-hung Ko obtained his PhD from Department of Physiology, The Chinese University of Hong Kong in 1992. Following postdoctoral training at Institute of Physiology, University of Glasgow, he joined his alma mater as lecturer in 1993. He is currently an Associate Professor of School of Biomedical Sciences. Dr. Ko's recent research examines P2Y receptor-regulated Ca²⁺ signaling and ion transport in airway epithelia, with a focus on the role of P2Y receptors in airway inflammation. He has over 70 articles published in reputable international journals, such as Journal of Biological Chemistry and American Journal of Respiratory Cell and Molecular Biology.

Guiqing Wang, New York Medical College, Valhalla, United States

Dr. Wang, MD, PhD, is the Chief of Laboratory Services for Microbiology, Virology and Molecular Diagnostics at Westchester Medical Center, New York, USA. He is a diplomate of the American Board of Medical Microbiology (ABMM) and American Board of Clinical Chemistry (ABCC). Dr. Wang has diverse education, training and over 30 years of working experience in clinical medicine, epidemiology, microbiology and molecular diagnostics. Apart from his clinical work, Dr. Wang has been serving as principal investigator of many research projects on diagnosis of emerging infectious diseases and antimicrobial resistance with more than 60 peer-reviewed publications.

Leslie Yeo, RMIT University, Melbourne, Australia

Leslie Yeo (PhD, Imperial College London, 2002) is a leading researcher in microfluidics for engineering and biological applications such as drug delivery and nanomedicine, point-of-care diagnostics, tissue engineering and biosensor technology. He is co-author of the book *Electrokinetically Driven Microfluidics & Nanofluidics* (Cambridge University Press), and the author of over 170 research publications and 20 patent applications. Leslie is the Editor of the American Institute of Physics journal *Biomicrofluidics*, editorial board member of *Interfacial Phenomena & Heat Transfer* and *Scientific Reports*, and an Adjunct Senior Research Fellow in the Department of Physiology at Monash University.

ABOUT THIS EVENT

Discussion Sessions

The discussion sessions are an opportunity for informal questions and answers. This is an ideal opportunity to get advice and opinion from experts in this area. This session is not for questions about specific talks, which can be asked after the speaker's session, but for discussing either general topics or specific issues.

There are three ways you can ask questions:

1. Before the session you can *submit your question to Euroscicon staff* at the registration desk,
2. Before and during the session you can *submit a question or comments, by email*, which will be provided on the day of the event
3. During the session you can *put your hand up* and join in

Session breaks

All breaks and registrations will take place in the exhibition area where there will be lunch and refreshments.

Please try to visit all the exhibition stands during this event. Not only do our sponsors enable Euroscicon to keep the registration fees competitive, but they are also here specifically to talk to you

Lunch

We have a number of dishes that are gluten free

We have a range of vegetarian dishes which are separated from the meat and fish dishes

We have a number of dishes that are dairy free

Please note that all food has been prepared in an environment where nuts may be present.

Missing Speakers

It is unfortunate that occasionally a speaker cannot attend, most usually due to not getting visas granted, unforeseen personal events or illness. Whilst we do everything possible to ensure that our speakers are present at the event we apologise in advance if you were at a session where a speaker could not attend. We always try to keep our agendas as up to date as possible, however if a speaker cancels the night before an event or on the day, there is little we can do to rectify this.

FREQUENTLY ASKED QUESTIONS ABOUT OUR EVENTS

Is the delegate list available?

Yes this is available to everyone who attends the event and our sponsors.

It is available in real time. To access the list please just log into your registration details or use the QR code on right of the agenda card which is provided on the day of the event.

You will not be included in this list if you have opted out and you can do this by logging into your registration details. This list will not be sold or ever give out to third parties.

Can I have the speakers' slides?

We cannot give out the slides from our speakers' presentations as they are deleted immediately after each event. If you require a particular set of slides, please approach the speaker. We will however have a meeting report and you will be emailed when this report is published.

Can I have a notepad?

Notepads and pens are provided in the delegate bags and at the registration desk.

How can I keep up to date with Euroscicon Events?

To keep updated on our events and other Life Science News, please sign up for our newsletter at www.lifescienceevents.com

I don't want my photograph on any Euroscicon promotional material

Please let our tech person know.

Is there WIFI?

Yes, please ask registration for log in details.

Can I have a CPD/ CME certificate?

CPD certificates will be available in the exhibition hall after lunch.

Please remember that EuroSciCon is a small independent company with no subsidies from society memberships or academic rates for venues. We try to be as reasonably priced as possible and our delegate rates are substantially lower than comparable commercial meeting organisations

Personal belongings

Please take care of all your personal belonging as Euroscicon cannot be held responsible if an item goes missing from the lecture theatre or the exhibition hall.

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