

Second Announcement

SEMMELWEIS SYMPOSIUM 2014



TRENDS IN PULMONOLOGY

Semmelweis University, Budapest, Hungary
November 6-8, 2014
Hotel Mercure Buda

Conference Chair: György Losonczy
General Secretaries: Gábor Horváth and Veronika Müller
Secretary: Zsolt I. Komlősi

Preliminary program

November 6 (Thursday)

Opening

Chair: György Losonczy, Semmelweis University, Budapest

- 8:30 Opening address
Ágoston Szél, Rector of Semmelweis University

I. Update on bronchial asthma and chronic obstructive pulmonary disease (COPD)

Chair: Ildikó Horváth

- 9:00 *Peter J. Barnes, Imperial College, London, UK*
New targets and treatments for COPD
- 9:25 *Ildikó Horváth, Semmelweis University and National Korányi Institute, Budapest, Hungary*
Big data in asthma phenotyping
- 9:45 *Paolo Paredi, Imperial College, London, UK*
Innovative approaches in exhaled biomarker measurements
- 10:10 *Balázs Antus, National Korányi Institute, Budapest, Hungary*
Airway biomarkers in COPD
- 10:30 Discussion
- 10:40 Break

II. New therapeutic concepts in obstructive lung diseases

Chair: Gábor Horváth

- 11:00 *Adam Wanner, University of Miami, USA*
Alpha-1 antitrypsin deficiency-related COPD
- 11:25 *Andreas Schmid, University of Miami, USA*
Bronchiectasis: challenges in diagnosis and treatment
- 11:50 *Matthias Salathe, University of Miami, USA*
Novel approaches to correct cystic fibrosis related airway disease: relevance to COPD?
- 12:15 *Gábor Horváth, Semmelweis University, Budapest, Hungary*
Inhaled bronchodilators: mechanisms of drugs absorption in the airway
- 12:35 Discussion**
- 12:45 Lunch**

III. Non-invasive ventilation

Chair: András Lorx

- 14:00 *Wolfram Windisch, Merheim Lungenklinik, Cologne, Germany*
Home non-invasive ventilation in COPD: what is the best approach?
- 14:25 *József Lukácsovits, Semmelweis University, Budapest, Hungary*
Physiological changes during low- and high-intensity non-invasive ventilation
- 14:45 *Piero Ceriana, Pavia, Italy*
The difficult –to- wean patient: role of rehabilitation and non-invasive ventilation
- 15:10 *András Lorx, Semmelweis University, Budapest, Hungary*
The grey zone: indications and limitations of non-invasive ventilation in acute settings
- 15:30 *Olli Polo, University of Turku, Finland*
Sleep apnea and the autonomic nervous system
- 15:55 Discussion**
- 16:05 Break**

IV. Pulmonary hypertension

Chair: Kristóf Karlócai

- 16:20 *Anna Csiszár, University of Oklahoma, Oklahoma City, USA*
Ageing induced functional and phenotypic alterations in vascular cells
- 16:45 *Gábor Kovács Jr., Medical University of Graz, Austria*
Right heart catheter at rest and exercise
- 17:05 *Horst Olschewski, Medical University of Graz, Austria*
New therapies for pulmonary hypertension
- 17:25 *Kristóf Karlócai, Semmelweis University, Budapest, Hungary*
Pregnancy and pulmonary hypertension
- 17:45 Discussion**
- 19:00 Dinner**

November 7 (Friday)

V. Rehabilitation – Exercise physiology

Chair: Attila Somfay

- 8:30 *Richard H. Casaburi, University of California, Los Angeles, USA*
Pulmonary rehabilitation: a new focus on physical activity
- 8:55 *Attila Somfay, University of Szeged, Szeged, Hungary*
Pharmacological and non-pharmacological interventions to reduce dynamic hyperinflation in patients with COPD

- 9:15 *Péter Apor, Semmelweis University, Budapest*
Sarcopenia in pulmonology, cardiology and geriatrics
- 9:35 *Miklós Tóth, Semmelweis University, Budapest, Hungary*
Exercise testing and mass-spectrometry

9:55 Discussion

10:05 Break

VI. Lung cancer 1

Chair: Judit Moldvay

- 10:25 *Paolo Boffetta, Tisch Cancer Institute, New York, USA*
Screening of lung cancer
- 11:50 *Judit Moldvay, Semmelweis University, Budapest, Hungary*
Tight junction proteins in lung cancer
- 12:10 *Helmuth Popper, University of Graz, Austria*
Molecular pathology of non-small cell lung cancer
- 12:35 *Balázs Döme, Semmelweis University and National Korányi Institute, Budapest and Medical University of Vienna, Austria*
Angiogenesis in mesothelioma

12:55 Discussion

13:05 Lunch

VII. Asthma in pregnancy

Chair: Lilla Tamási

- 14:15 *Christopher W.G. Redman, John Radcliffe, Oxford, UK*
Immunology of placentation
- 14:45 *Lilla Tamási, Semmelweis University, Budapest, Hungary*
Asthma in pregnancy: immune changes and monitoring
- 15:00 *Michael Schatz, Kaiser Permanente, San Diego, USA*
Asthma in pregnancy: diagnosis and treatment
- 15:25 *János Rigó, Semmelweis University, Budapest, Hungary*
Medical disorders and preeclampsia

15:45 Discussion

15:55 Break

VIII. Innate lymphoid cells and bronchial asthma

Chair: Zsolt I. Komlósi

- 16:15 *Mübeccel Akdis, Swiss Institute of Allergy and Asthma Research, Davos, Switzerland*
Mechanisms of peripheral tolerance to allergens

- 16:40 *Zsolt I. Komlósi, Semmelweis University, Budapest, Hungary*
Immunoregulatory role for „type 3” innate lymphoid cells
- 17:00 *Burkhard Ludewig, St. Gallen, Switzerland*
Stromal cells regulate lymphoid organ development and immune responsiveness

17:25 Discussion

17:35 Break

IX. Lung cancer 2

Chair: György Losonczy

- 17:45 *Jean-Paul Sculier, Free University of Brussels, Belgium*
Targeted treatment of advanced stage non-small cell lung cancer
- 18:10 *György Losonczy, Semmelweis University, Budapest, Hungary*
Risk and prevention of cisplatin nephrotoxicity
- 18:25 *Chris Baylis, University of Gainesville, Florida, USA*
Physiology of toxic acute renal failure
- 18:50 Discussion**
- 20:00 Gala Dinner (Marble Hall of the Museum of Military History, Buda Castle)**

November 8, Saturday

X. Pulmonary complications in solid organ transplantation

Chair: Veronika Müller

- 8:30 *Uwe Heemann, Technical University Munich*
Optimizing immunosuppressive therapies to prevent pulmonary complications
- 8:55 *Veronika Müller, Semmelweis University, Budapest, Hungary*
Pleuropulmonary changes in immunocompromized patients: infection or underlying disease?
- 9:15 *György Lang, Semmelweis University, Budapest and Medical University of Vienna, Austria*
Bridge therapies from end-stage lung disease to lung transplantation
- 9:35 *Nándor Marczin, Harefield Hospital, London, UK*
Optimizing donor lungs and perioperative recipient care in lung transplantation
- 10:00 Discussion**
- 10:10 Break**
- 10:25 Semmelweis Budapest Award Ceremony**
- 11:00 Closing remarks**
György Losonczy