

Program Bronchitis XI

Wednesday 19 June 2024

- 08.15-08.50 Registration and coffee
- 08.45-09.00 Opening
Corry-Anke Brandsma, chair (NL)
Wiro Niessen (NL)

Heterogeneity of Chronic Lung Disease

Moderator; Alen Faiz and Alaina Ammit

- 09.00-09.20 AI in lung imaging of obstructive lung disease
Bram van Ginneken (NL)
- 09.20-09.30 Discussion
- 09.30-09.50 Spatial Imaging of small airway remodeling in Asthma and COPD
Tillie Hackett (CAN)
- 09.50-10.00 Discussion
- 10.00-10.45 Coffee break**
- 10.45-11.05 Exacerbations in Asthma and COPD
Maarten van den Berge (NL)
- 11.05-11.15 Discussion
- 11.15-11.35 Endotyping of Asthma and COPD
Rosa Faner (Spain)
- 11.35-11.45 Discussion
- 11.45-12.05 Genetics of Asthma and COPD
Michael Cho (USA)
- 12.05-12.15 Discussion
- 12.15-13.15 Lunch**

Environmental changes with impact on lung disease

Moderators; Hermelijn Smits and Rosa Faner

- 13.15-13.35 Climate change and chronic lung disease
Giovanni Viegi (Italy)
- 13.35-13.45 Discussion
- 13.45-14.05 Air pollution and lung diseases
Lidwien Smit (NL)
- 14.05-14.15 Discussion
- 14.15-15.15 Poster session**
- 15.15-15.45 Tea break**

- 15.45-16.05 Microplastics exposure and chronic lung disease
Barbro Melgert (NL)
- 16.05-16.15 Discussion
- 16.15-16.35 The airway and gut microbiome in lung disease
Jakob Stokholm (Denmark)
- 16.35-16.45 Discussion
- 16.45-17.05 Epigenetics and environment in obstructive lung disease
Erik Melén (Sweden)
- 17.05-17.15 Discussion
- 17.15-17.30 Short break
- 17.30-18.30 Industry Session
- 19.00 Reception and Buffet**
Personnel restaurant ground floor UMCG

Thursday 20 June 2024

- 08.00-08.30 Registration and coffee

The Aging lung

Moderators; Roy Woldhuis and Ali Önder Yildirim

- 08.30-08.50 How aging and inflammation shape alveolar macrophage function
Alexander Misharin (USA)
- 08.50-09.00 Discussion
- 09.00-09.20 Epigenetic clocks and their relevance to COPD
Maaïke de Vries (NL)
- 09.20-09.30 Discussion
- 09.30-09.50 The application of deep learning and spatial approaches to define aging and senescence
Morten Scheibye-Knudsen (DK)
- 09.50-10.00 Discussion
- 10.00-10.30 Coffee break**
- 10.30-10.50 Impaired regeneration in the ageing lung
Mareike Lehmann (DE)
- 10.50-11.00 Discussion
- 11.00-11.20 The future of anti-ageing strategies in lung disease
Jonathan Baker (UK)
- 11.20-11.30 Discussion

Short communications from selected abstracts

Moderators; Daan Pouwels and Anne van der Does

- 11.30-11.45 Mimecan and a functional fragment hereof as a novel regenerative agent for COPD
Luke van der Koog (NL)
- 11.45-12.00 Interference with inflammatory responses in a mouse model of pollutant-aggravated allergic asthma
Joyceline De Volder (BE)
- 12.00-12.15 The Gut-Airways Microbiome axis in COPD
Julieta Viglino (Spain)
- 12.15-12.25 Lunch to go**
- 12.25-12.30 Walk to main entrance UMCG**
- 12.30 -20.30 Social Program

Friday 21 June 2024

- 08.30-09.00 Registration and coffee

Bronchitis

Moderators; Dirk-Jan Slebos and Irene Heijink

- 09.00-09.20 Interview with patient
Huib Kerstjens (NL)
- 09.20-09.30 Questions
- 09.30-09.50 Muco-obstructive lung disease
Marcus Mall (DE)
- 09.50-10.00 Discussion
- 10.00-10.20 Early origins of different forms of chronic lung disease
Fernando D. Martinez (USA)
- 10.20-10.30 Discussion
- 10.30-11.00 Coffee break**
- 11.00-11.20 Bronchitis treatment; N2-cryospray ablation and rheoplasty
Pallav Shah (UK)
- 11.20-11.30 Discussion

Short communications from selected abstracts

Moderators; Elin Kersten and Marieke Duiverman

- 11.30-11.45 The protective role of testosterone and its precursors in asthma and asthma-related symptoms: cross-sectional findings from the Rotterdam Study
Sebastian Riemann (BE)

11.45-12.00 Endobronchial valve treatment improves diaphragm function in severe emphysema patients
Else ter Haar (NL).

12.00-12.15 Bronchitis XI group photo (Blauwe Patio)

12.15-13.15 Lunch

Innovative therapy

Moderators; Huib Kerstjens and Wim Timens

13.15-13.35 Personalized treatment and biologicals in asthma; current and future perspectives
Gerard Koppelman (NL)

13.35-13.45 Discussion

13.45-14.05 Personalized treatment and biologicals in COPD; current and future perspectives
Guy Brusselle (BE)

14.05-14.15 Discussion

14.15-14.35 Treatable traits in obstructive lung disease
Frits Franssen (NL)

14.35-14.45 Discussion

14.45-15.15 Tea break

15.15-15.35 Stem cell therapy for lung disease: where are we now?
Daniel Weiss (USA)

15.35-15.45 Discussion

15.45-16.05 Novel medical devices for emphysema
Dirk-Jan Slebos (NL)

16.05-16.15 Discussion

16.15-16.45 Awards ceremony and closure

16.45-17.15 Drinks and farewell (Blauwe Patio)

Faculty

Jonathan **Baker**, Department of Immunobiology, King's College London (UK)
Maarten **van den Berge**, Department of Pulmonary Diseases and Tuberculosis, University Medical Center Groningen (NL)
Guy **Brusselle**, Head of Clinic, Department of Respiratory Medicine, Ghent University Hospital, (BE)
Michael **Cho**, Channing Division of Network Medicine and Division of Pulmonary and Critical Care Medicine, Harvard Medical School (USA)
Rosa **Faner**, Biomedicine department, Immunology unit, University of Barcelona (ES)
Frits **Franssen**, Department of Respiratory Medicine at Maastricht UMC (NL)
Bram **van Ginneken**, Medical Image Analysis, Radboud UMC (NL)
Tillie **Hackett**, The University of British Columbia (CAN)
Huib **Kerstjens**, Pulmonary Diseases, University Medical Center Groningen (NL)
Gerard **Koppelman**, Department Head of Pediatric Pulmonology and Pediatric Allergy, University Medical Center Groningen (NL)
Mareike **Lehmann**, Institute for Lung Research, Helmholtz Munich (DE)
Marcus **Mall**, Charité Universitätsmedizin Berlin (DE)
Fernando D. **Martinez**, Director- Asthma & Airway Disease Research Center, University of Arizona (USA)
Erik **Melén**, Department of Clinical Sciences, Karolinska Institutet (S)
Barbro **Melgert**, Department of Molecular Pharmacology, University Medical Center Groningen (NL)
Alexander **Misharin**, Northwestern University, Feinberg School of Medicine, (USA)
Prof. dr. Wiro **Niessen**, Board of Directors, dean University Medical Center Groningen (NL)
Morten **Scheibye-Knudsen**, Department of Cellular and Molecular Medicine, University of Copenhagen (DK)
Pallav **Shah**, Royal Brompton Hospital and Imperial College, London (UK)
Dirk-Jan **Slebos**, Department Head, Pulmonary Medicine and Tuberculosis Pulmonary Diseases, University Medical Center Groningen (NL)
Lidwien **Smit**, IRAS, Utrecht University (NL)
Jakob **Stokholm**, University of Copenhagen (DK)
Giovanni **Viegi**, CNR Institute of Clinical Physiology (IFC), (IT)
Maaïke de Vries, Department of Epidemiology, University Medical Center Groningen (NL)
Daniel **Weiss**, Department of Medicine, University of Vermont, (USA)

Organization

The UMCG Wenckebach Instituut for Education and Training in cooperation with The Groningen Research Institute for Asthma and COPD (GRIAC).

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Local Organizing Committee

Associate Prof. dr. Corry-Anke Brandsma (chair), medical biologist and staff member dept. Pathology and Medical Biology, University Medical Center Groningen (NL).

Prof. dr. Irene Heijink, dept. Pathology & Medical Biology, University Medical Center Groningen, and program leader of the Groningen Research Institute for COPD (GRIAC) (NL).

Dr. Machteld Hylkema, dept. Pathology and Medical Biology, University Medical Center Groningen (NL).

Prof. dr. Dirk-Jan Slebos, Dept. Head, Pulmonary Medicine and Tuberculosis Pulmonary Diseases, University Medical Center Groningen (NL).

Dr. Maaïke de Vries, dept. Epidemiology, University Medical Center Groningen (NL)

Lies Moed, course organiser, Centrum Bij- en Nascholing, University Medical Center Groningen, Wenckebach Instituut for Education and Training (NL).

Target audience

Pulmonologists, allergologists, pediatricians, pathologists, epidemiologists, general practitioners, lung researchers and specialist residents.

Accreditation

Accreditation of the program has been granted by NVALT (15 CPD points), NVK (15 CPD points), NVVP (14 CPD points), NVvAKI (15 CPD points), and NIV (15 CPD points).

Participants will receive a certificate of attendance.

Location

The International meeting will be held at the University Medical Center Groningen, Hanzeplein 1, Groningen, The Netherlands, Conference room "Rode Zaal" (Internal UMCG address: Winkelstraat 1, 2nd floor). Reception and registration in the "Blauwe Patio" (Internal UMCG address: Winkelstraat 1, 1st floor).

Travel Information

Several local buses depart from the railway station 'Hoofdstation Groningen' to the University Medical Center Groningen. Parking facilities are available in parking 'UMCG Noord', entrance at Vrydemalaan (paid parking). For everyone who visits the University Medical Center Groningen, between end of March 2024 and the beginning of September 2024, please be aware of severe traffic disruptions in and around Groningen due to road works. Check the following website for more information: [Groningen Bereikbaar](#).

Language

The official language during the conference is English. No simultaneous translation will be provided.

Cancellation of your registration is possible until 22 May, 2024 (full refund minus €25,- handling fee).
After this date no refund is possible.

Contact

For more information please contact the Wenckebach Instituut for Education and Training.

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