

09:00 - 09:45	Registration and welcome coffee	Foyer - 1st fl
09:45 - 10:00	Opening	Nieuwegracht 2
<i>Prof. dr. Huib Kerstjens (NRS), Dr. Károly Illy (Longfonds) and Prof. dr. Dirk Jan Slebos (NVALT)</i>		
10:00 - 11:00	Plenary Session - Winter Olympics and Lung Health – part 1	
<i>Chairs: Prof. dr. Dirk Jan Slebos, UMCG and Dr. Anne van der Does, LUMC</i>		
Respiratory dysfunction in athletes: who cares?		
<i>Prof. James Hull, Respiratory physician, Royal Brompton Hospital/Sports Pulmonologist, Institute of Sport, Exercise and Health, UCL, London</i>		
"Breathless Heights: The Pulmonary Challenge of Altitude"?		
<i>Dr. Remco Berendsen, cardiothoracic-anesthesiologist, LUMC, Leiden</i>		
11:00 - 11:15	Short stretch break	
11:15 - 12:15	Plenary Session - Winter Olympics and Lung Health - part 2	
Oxygen uptake during exercise – from disease to top-level sport		
<i>Prof. Joost van den Aardweg, pulmonologist/ professor of Clinical Physiology, Amsterdam UMC</i>		
Medical Treatment and Anti-Doping Compliance		
<i>Prof. Hidde J. Haisma, Chemical & Pharmaceutical Biology, Groningen Research Institute of Pharmacy (GRIP)/ Groningen University, Groningen</i>		
12:15 - 13:30	Lunch break, exhibition, poster viewing	Nieuwegracht 1 & Oudegracht 1
13:30 – 15:00	Parallel Sessions	

Scientific Session 1: Co-morbidities - cross-talk between lung and other organs

Chairs: Dr. Sacha Pelier, UMCU and Dr. Bram van den Borst, Radboudumc

1. Studying Interorgan Communication Using an in-house Developed Multi-Organ-on-Chip System

Dr. Daan Pouwels, Assistant professor, UMCG, Groningen

2. Beyond the Lungs: The Role of Comorbidities in Severe Asthma

Dr. Anneke ten Brinke, pulmonologist, Frisius Medical Center, Leeuwarden

3. Obesity and asthma: latest insights and treatment options

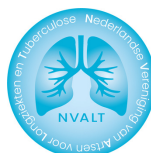
Dr. Gert-Jan Braunstahl, pulmonologist, Franciscus Expert Center severe asthma and Associate professor Erasmus MC, Rotterdam

Nieuwegracht 2

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Scientific Session 2: Cohorts and how we can leverage them for understanding lung health

Oudegracht 2

Chairs: Chairs: Dr. Stefan Prekovic, UMCU and Dr. Agnes Boots, Maastricht University

1. Respiratory (epi)genetic research within the Lifelines cohort study

Dr. Maaïke de Vries, Researcher, Department of Epidemiology, UMCG, Groningen

2. Unraveling Pulmonary Fibrosis: From Molecular Heterogeneity to Tailored Treatment

Prof. dr. Laurens de Sadeleer, pulmonologist, KU Leuven, Belgium

3. From Satellite Images to Molecular Signatures: Advancing Biobank Research on Lung Health

Prof. dr. ir. Roel Vermeulen, Professor of Environmental Epidemiology and Exposome Science, Utrecht University and UMC Utrecht

15:00 - 15:30

Coffee break, exhibition, poster viewing

Nieuwegracht 1 & Oudegracht 1

15:30 - 17:30

Chiesi - Young Investigator Session

Nieuwegracht 2

Chairs: Prof. dr. Janette Burgess, University Medical Center Groningen and Dr. Sami Simons, MUMC+

001 Multi-omic integration links transcription factor regulatory programs supporting metabolic networks across lung cancers

Julia Scott, Center for Molecular Medicine, University Medical Center Utrecht, Utrecht

002 Exploring responsiveness of the Living with Pulmonary Fibrosis questionnaire in patients with pulmonary fibrosis

Delian Hofman, Centre of Excellence for Interstitial Lung Diseases and Sarcoidosis, Department of Respiratory Medicine, Erasmus MC, Rotterdam

003 Osteoglycin fragment suppresses fibroblast activation and promotes lung tissue repair

Dr. Luke van der Koog, Department of Pharmaceutical Technology and Biopharmacy, Groningen Research Institute of Pharmacy, University of Groningen/GRIAC, Groningen Research Institute for Asthma and COPD, UMCG, Groningen/MimeCure, Eelde,

004 Electronic nose technology can distinguish UIP versus non-UIP CT patterns in patients with pulmonary fibrosis

Lotte Spaan, Erasmus University MC, Center of Excellence for ILD and Sarcoidosis, Department of Respiratory Medicine, Rotterdam

005 Predictors of Rapid Lung Function Decline in the Oxford Asthma attack risk scale (ORACLE2) Individual Patient Data Meta-Analysis

Fleur Meulmeester, Dept. of Biomedical Data Sciences, LUMC Leiden

006 The extracellular vesicle proteome reveals endotypes underpinning COPD heterogeneity

Jiahua Fang, Department of Pathology and Medical Biology, UMCG/ GRIAC Research Institute, Groningen

17:30 - 18:30

NRS Annual General Assembly

Nieuwegracht 2

18:30 - 20:00

Buffet Dinner (pre-registration required)

Hotel Restaurant - ground fl

20:00 - 21:00

Evening Networking Activity - Escape Box (registration required)

Skylounge - 20th fl

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07:00 - 08:30
08:30 - 09:00
09:00 - 10:30

Mentorship breakfast (pre-registration required)
Registration and welcome coffee
GSK Sparrow Award

Hotel restaurant
Foyer - 1st fl
Nieuwegracht 2

Expert Panel: Dr. Bram van den Borst, pulmonologist, Radboudumc, Sonja van Scheijen, PhD candidate, department of pulmonary Medicine, Amsterdam UMC/ winner of the GSK Sparrow award 2024 and Dr. Stefania Principe, pulmonologist, Amsterdam UMC

007 Sex-specific upregulation of TLR7 in alveolar macrophages of female COPD patients
Fien Vermaere, Lung Research Center – Obstructive Airway Diseases Lab, Department of Respiratory Medicine, Ghent University, / Research Foundation Flanders – FWO, Belgium

008 Distinct Profibrotic and Repair Responses of Idiopathic Pulmonary Fibrosis- and Control-derived Lung Mesenchymal Stromal Cells to Nintedanib and Pirfenidone
Winardi Emmanuel Setiawan, University Medical Center Groningen, Department of Pathology and Medical Biology, Groningen / Universitas Katolik Parahyangan, Faculty of Medicine and the Center for Medical Science and Technology and Health Equity, Bandung

009 Personalizing brain metastases screening in metastatic NSCLC: The role of tumor volume radiomics
Jarno Huijs, Maastricht University Medical Center/ Maastricht Clinic, Maastricht

010 Senescence meets metabolism: a multi-omics exploration in severe early-onset COPD
Yin Lyu, University Medical Center Groningen, Department of Pathology and Medical Biology/ Groningen, Groningen Research Institute for Asthma and COPD (GRIAC), Groningen

011 Exploring the value of electronic nose technology to predict disease progression in pulmonary fibrosis
Bart Formsma, Erasmus University Medical Center, Center of Excellence for ILD and Sarcoidosis, Department of Respiratory Medicine, Rotterdam

10:30 - 11:00

Coffee break

Nieuwegracht 1 & Oudegracht 1

11:00 - 12:30

Poster viewing and discussion with presenters

From 11.00 – 11.45 Even numbered posters

From 11.45 – 12.30 Odd numbered posters

Oudegracht 1

P01 – P13: Imaging, biomarkers and advances in patient stratification

Oudegracht 1

P14 – P24: Epithelial cells, aberrations, responses and repair

Nieuwegracht 1

P25 – P39 : Modeling & Elucidating Disease mechanisms

Nieuwegracht 1

P40 – P52: Advances for clinical care

12:30 - 13:30

Lunch break, exhibition, poster viewing

Nieuwegracht 1 & Oudegracht 1

12:45 – 13:25

Lunch symposium by AstraZeneca:

Nieuwegracht 2

Better outcomes, Smaller footprints: Discover how CARESA can help you with modelling GHG emissions across care pathways

Katerina Maslova ScD, Respiratory Sustainability Global Medical Affairs Leader, AstraZeneca Nederland

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Scientific Session 3: Bronchiectasis/ Broncholitis

Nieuwegracht 2

Chairs: Dr. Menno van der Eerden, Erasmus MC and Dr. Eric Haarman, Amsterdam UMC

1.RSV Prevention – The Game Has Just Begun

Prof. dr. Louis Bont, professor of respiratory infections in childhood, pediatric infectiologist, immunologist, UMC Utrecht

2. There is more than mucus in bronchiectasis!

Dr. Josje Altenburg, Pulmonologist, department of Pulmonary Medicine, Amsterdam UMC, Amsterdam

3.The End of Subjectivity: What AI-Derived CT Metrics Reveal About Bronchiectasis

Prof. Harm Tiddens, Chief Medical Officer, Thirona/Emeritus Professor in Pediatric pulmonology, honorary Professor Radiology and nuclear medicine, Erasmus MC, Rotterdam

Oudegracht 2

Scientific Session 4 Longfonds Publiekssessie (in Dutch & priority for invitees by Longfonds)

Chairs: Dr. Károly Illy, Longfonds and Dr. Susanne Vijverberg, Amsterdam UMC

1.Jouw stem is goud waard: longaanvallen herkennen met spraakanalyse

Loes van Bommel, PhD student, Maastricht University, Maastricht

2.Mini-luchtwegen op maat: nieuwe kansen voor gepersonaliseerde therapie

Dr. Gimano D. Amatngalim, assistant professor, UMC Utrecht, Wilhelmina Kinderziekenhuis (WKZ), Utrecht

3.Vroege voorspelling van bronchopulmonale dysplasie bij prematuur geboren kinderen

Michelle Romijn, PhD/ AIOS kindergeneeskunde, Erasmus MC, Rotterdam

15:00 - 15:15

Coffee break, exhibition, poster viewing

Nieuwegracht 1 & Oudegracht 1

15:15 - 16:15

Plenary Session - Respiratory Infections impacting Lung Diseases

Nieuwegracht 2

Chairs: Dr. Willianne Hoepel, LUMC and Prof. dr. Huib Kerstjens, NRS / UMCG

Aspergillus and the Lung

Prof. dr. Eva van Braeckel, Medical head of department, pulmonologist, clinical infectious disease specialist, UZ Gent, Belgium

Hollow fiber model simulations of nontuberculous mycobacterial pulmonary disease therapies: lessons for the field and clinic

Dr. Jakko van Ingen, associate professor of clinical microbiology, Radboudumc, Nijmegen

16:15 - 17:00

Awards Ceremony & Closing

NRS Swierenga Penning Award Presentation

Longfonds Junior Investigator Awards

Longfonds-Swierenga Awards

Sterk Participatieprijs

DLC Poster Awards

Impact Statement Award

GSK Sparrow Award

Chiesi Young Investigator Award

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