

09:00 - 09:45	Registration and welcome coffee	Foyer - 1st fl
09:45 - 10:00	Opening <i>Prof. Huib Kerstjens (NRS), Dr. Marieke Overbeek (NVALT), Dr. Károly Illy (LongFonds)</i>	Nieuwegracht 2
10:00 - 11:00	Plenary Session - AI possibilities and challenges in respiratory field <i>Chairs: Dr. Peter Kunst, OLVG, Amsterdam and Dr. Anne M. van der Does, Leiden University Medical Center</i>	
	AI in thoracic imaging: where do we stand? <i>Prof. dr. Rozemarijn Vliegenthart, Professor of Cardiothoracic Imaging/ Radiologist, UMCG, Groningen</i>	
	Ultra-fast deep-learned pediatric CNS tumor classification during surgery <i>Dr. Jeroen de Ridder, Principal Investigator / Associate Professor in the Center for Molecular Medicine of the UMC Utrecht</i>	
11:00 - 11:15	Short stretch break	
11:15 - 12:15	Plenary Session - AI possibilities and challenges in respiratory field	
	Artificial Intelligence in Drug Discovery - Towards Virtual Drug Discovery and Safety Assessment? <i>Prof. dr. Gerard van Westen, PI Computational Drug Discovery Drug Discovery and Safety, LACDR, Leiden</i>	
	AI from bench to bedside: are we there yet? <i>Dr. Daan Caudri, Pediatric Respiratory & Sleep Physician / Clinical Epidemiologist, Erasmus MC – Sophia Children's Hospital, Rotterdam</i>	
12:15 - 13:30	Lunch break, exhibition, poster viewing	Nieuwegracht 1 & Oudegracht 2
12:45 - 13:15	AstraZeneca Lunch symposium: The NOVELTY study, a large prospective multicountry cohort – an opportunity for collaboration with AstraZeneca to study asthma, COPD and overlap <i>Prof. Dr. Maarten van den Berge, UMC Groningen</i>	Nieuwegracht 2
13:30 – 15:00	Parallel Sessions	
	Scientific Session 1: Pulmonary fibrosis <i>Chairs: Dr Elin Kersten, UMCG, Groningen and Dr. Marcel Veltkamp, st. Antonius Hospital</i>	Nieuwegracht 2
	Applied genetics and genomics in pulmonary fibrosis <i>Dr. Coline van Moorsel, Head ILD Research and R&D Pulmonology, ILD Center of Excellence, St. Antonius Hospital, Nieuwegein</i>	
	Pulmonary fibrosis in children <i>Drs. Sanne Kloosterman, pediatric pulmonologist, Erasmus MC - Sophia Children's Hospital, Rotterdam</i>	
	Pulmonary fibrosis, what's new in pathogenesis and treatment? <i>Drs. Jelle Miedema, Pulmonologist, ILD Center, Erasmus MC Rotterdam</i>	

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Scientific Session 2: Prediction of treatment responses in lung diseases

Oudegracht 2

Chairs: Dr. Abilash Ravi, Leiden University Medical Center and Prof. Martina Schmidt, Faculty of Science and Engineering - University of Groningen

Prediction of treatment responses in Obstructive Pulmonary Diseases: Phenotyping or Endotyping?

Prof. dr. Maarten van der Berge, Pulmonologist, University Medical Center Groningen

Treatment options in (peritoneal) mesothelioma

Dr. Eva Madsen, Gastrointestinal and Oncological Surgeon, Erasmus MC Rotterdam

Prediction of cystic fibrosis disease and therapeutic response with organoid models

Prof. dr. Jeffrey Beekman, Professor Cellular Disease Models at University Medical Center Utrecht

15:00 - 15:30

Coffee break, exhibition, poster viewing

Nieuwegracht 1 & Oudegracht 2

15:30 - 17:30

Chiesi - Young Investigator Session

Nieuwegracht 2

Chairs: Prof. dr. Janette Burgess, University Medical Center Groningen and Dr. Daniel Korevaar, Amsterdam UMC

O01 - Organoid-guided synergistic treatment of minimal function CFTR mutations with CFTR modulators, roflumilast and simvastatin: a personalised approach

Sacha Spelier, Department of Pediatric Respiratory Medicine, Wilhelmina Children's Hospital, University Medical Center, Utrecht University, Utrecht

O02 - Single-cell proteomics and transcriptomics resolve eosinopoiesis and the role of IL-5 in eosinophil lineage transit amplification

Glenn Van Hulst, GIGA Institute, Liege, Belgium, 2VIB-UGent, Gent, Belgium, 3FARAH Institute, Liege, Belgium

O03 - Cohesin-STAG2 controls cell fate decisions via pioneer factor FOXA2 in lung cancer Development of structural and immune cell in the fetal lung

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

O04 - Development of structural and immune cell in the fetal lung

Li Jia, Department of Immunology/Department of Pulmonology, PulmoScience Lab, Leiden University Medical Center (LUMC), Leiden

O05 - ADRB2 genotype-guided treatment for childhood asthma: an individual patient data meta-analysis of the PACT and PUFFIN trial

Elise Slob, Dept. of Respiratory Medicine, AmsterdamUMC, Amsterdam/ Dept. of Clinical Pharmacy, Haaglanden Medical Center, The Hague/ Dept. of Clinical Pharmacy and Toxicology, Leiden University Medical Center, Leiden

O06 - Longitudinal follow-up of spirometry parameters in patients with COPD during pulmonary rehabilitation

Daphne Peerlings, Department of Research and Development, Ciro, Horn / Department of Respiratory Medicine, NUTRIM Research Institute of Nutrition and Translational Research in Metabolism, Faculty of Health Medicine and Life Sciences, Maastricht University Medical Centre+, Maastricht

17:30 - 18:30

NRS Annual General Assembly

Nieuwegracht 2

18:30 - 20:00

Buffet Dinner (registration required)

Hotel Restaurant - ground fl

20:00 - 22:00

Evening Networking Activity - Escape Box (registration required)

Skylounge - 20th fl

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