

09:00 - 09:45	Registration and welcome coffee	Foyer - 1st fl
09:45 - 10:00	Opening <i>Prof. Huib Kerstjens (NRS), Dr. Peter Kunst (NVALT), Mr. Bas Holverda (LongFonds)</i>	Nieuwegracht 2
10:00 - 11:00	Plenary Session 1 - Environmental Influences on Lung Health <i>Chairs: Dr. Peter Kunst, OLVG, Amsterdam and Prof. dr. Hermelijn Smits, LUMC, Leiden</i>	
	How the climate is changing and some consequence for the prevention and care of people with lung diseases <i>Prof. dr. Gerard van der Steenhoven, KNMI</i>	
	Exposome: Where Chemistry Meets Biology <i>Prof. Roel Vermeulen, Division of Environmental Epidemiology, Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, The Netherlands</i>	
11:00 - 11:15	Short stretch break	
11:15 - 12:15	Plenary Session 2 - Environmental Influences on Lung Health	
	Life in plastic: Is it fantastic? <i>Prof. Barbro Melgert, University of Groningen</i>	
	Clearing the Air: Vaping is not Smoking 'light' <i>Dr. Noor Rijkers-Mutsaerts, Leiden University Medical Centre (LUMC) / Willem Alexander Children's Hospital (WAKZ)</i>	
12:15 - 13:30	Lunch break, exhibition, poster viewing	
12:30 - 13:30	NPL lunch session	Oudegracht 2
13:30 - 15:00	Parallel Sessions	

Scientific Session 1: Back to the Future: How research has moved clinical care forward	Nieuwegracht 2
<i>Chairs: Dr. Berber Piet, Radboudumc, Nijmegen, Utrecht and Drs. Fenneke Zwierenga, UMCG, Groningen</i>	
Navigation to pulmonary nodules – from Killian to Archimedes and beyond <i>Dr. Birgitta Hiddinga, UMCG, Groningen</i>	
Radiotherapy in Pulmonary Oncology: a Success Story <i>Dr. Jose Belderbos, AvL, Amsterdam</i>	
Systemic treatment in NSCLC: where have we come from and what does the future hold? <i>Dr. Sushil Badrising, AVL Amsterdam</i>	

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Scientific Session 2: Stem cells: Basic to Clinic

Oudegracht 2

Chairs: Dr. Gimano Amatngalim, UMCU, Utrecht and Prof. dr. Robbert Rottier, Erasmus Medical Center, Rotterdam

Regenerating airways using epithelial stem cells: opportunities and challenges
Dr. Rob Hynds, UCL

Patient-derived 3D lung stem cell models to investigate radiation response
Prof. Marc Vooijs, Maastricht University

MSC therapy in COPD
Dr. Padmini Khedoe, Leiden University Medical Center

15:00 - 15:30 **Coffee break, exhibition, poster viewing**

15:30 - 17:30 **Chiesi - Young Investigator Session**

Nieuwegracht 2

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

O01 Decoding the Genetic Predisposition to Asthma Using Epigenomics
Lianne Trap, Erasmus MC, Rotterdam

O02 Cellular senescence impacts regulators of ECM and contributes to ECM dysregulation in COPD patients
Dr. Roy R. Woldhuis, University of Groningen, University Medical Center Groningen/ Groningen Research Institute for Asthma and COPD (GRIAC)

O03 The fibrosis and angiogenesis inhibitor nintedanib represses antigen receptor signaling and downstream effector functions in B and T cells
Stefan Neys, Erasmus MC, University Medical Center, Rotterdam

O04 The effect of the urban exposome on COVID-19 health outcomes: a systematic review and meta-analysis
Laura Houweling, Utrecht University, Utrecht/ Amsterdam UMC, Amsterdam

O05 Intrapleural fibrinolytics use in children with pleural empyema
Carmen de Jong, Radboud University Medical Centre, Amalia Children's Hospital, Nijmegen / University Children's Hospital Bern, Inselspital, Bern, Switzerland

O06 Cluster analysis to identify distinct clinical asthma phenotypes within ATLANTIS
Pauline Kuks, University of Groningen, University Medical Center Groningen

17:30 - 18:30 **NRS Annual General Assembly**

Nieuwegracht 2

19:00 - 21:00 **Buffet Dinner (registration required)**

Hotel Restaurant - ground fl

21:30 - 22:30 **Salsa Workshop**

Skylounge - 20th fl

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