



**Monday 13th of June**

**09:00 - 09:45**

**Registration and welcome coffee**

**09:45 - 10:00**

**OPENING**

**Room: Vecht 1-3**

*Prof. dr. Hermelijn Smits, Netherlands Respiratory Society/LUMC, Leiden*  
*Mr. Michael Rutgers, Longfonds*  
*Dr. Leon van den Toorn, NVALT*

**10:00 - 12:00**

**OPENING SESSION: Advances in Imaging in the Pulmonary space**

**Room: Vecht 1-3**

*Chair: Prof. dr. Hermelijn Smits, Netherlands Respiratory Society/LUMC, Leiden and*  
*Dr. Suzanne Vijverberg, Netherlands Respiratory Society/ Amsterdam UMC,*  
*Amsterdam*

**Super-resolution microscopy reveals how SARS-CoV-2 alters cellular organization**

*Prof.dr. Lukas C. Kapitein, Utrecht University*

**Endoscopic imaging techniques in pulmonary disease**

*Dr. Peter Bonta, Amsterdam Medical Centre (A-UMC), Amsterdam*

**Novel tissue niches in the lung uncovered with Visium spatial transcriptomics**

*Dr. Amanda Oliver, Teichmann Laboratory/ Wellcome Sanger Institute, Cambridge, United Kingdom*

**Molecular imaging in the field of immune-oncology**

*Dr. Erik Aarntzen, Radboudumc, Nijmegen*

**12:00 - 13:00**

**Lunch break, exhibition, poster viewing**

**13:00 - 14:30**

**PARALLEL SESSIONS**

<p><b>Room: Vecht 1-3</b></p>	<p><b>SCIENTIFIC SESSION 1: Expert panel: biologicals in severe asthma</b> <i>Chair: Dr. Els Weersink, Amsterdam UMC, Amsterdam &amp; Elin Kersten, UMCG, Groningen</i></p> <p><i>Prof. dr. Gerard Koppelman, UMCG, Groningen</i> <i>Dr. Anneke ten Brinke, Medisch Centrum Leeuwarden</i> <i>Dr. Gert-Jan Braunstahl, Franciscus Gasthuis &amp; Vlietland</i></p>
<p><b>Room: Eem/Lek</b></p>	<p><b>NPL UPDATE: Update on NPL 2.0 (National Program Lung research)</b> Introduction NPL <i>Agnes Boots, NPL</i></p> <p>Experiences HALO project <i>Prof. dr. Hermelijn Smits, Netherlands Respiratory Society/LUMC, Leiden</i></p> <p>Experiences P4O2 project <i>Prof. dr. Anke-Hilse Maitland-van der Zee, Netherlands Respiratory Society</i></p> <p>Panel discussion and interactive session on how to move forward with NPL 2.0 <i>Michael Rutgers, representative of Longfonds</i> <i>Jean Muris, representative of general practioners</i> <i>Agnes Boots, representative of NPL 2.0</i> <i>Hermelijn Smits, representative of NPL</i> <i>Yolanda de Wit van Wijck, representative of NPL</i> <i>Peter Kunst, representative NVALT</i> <i>Anke-Hilse Maitland- van der Zee, mediator</i></p>

**14:30 - 15:00**                      **Coffee break, exhibition, poster viewing**

**15:00 - 17:00**                      **CHIESI YOUNG INVESTIGATOR SESSION**

**Room: Vecht 1-3**                      *Prof. Janette Burgess, University Medical Centre, Groningen & Dr. Sami Simons, MUMC+, Maastricht*

**O01 - Loss of STAG2 leads to lineage switching and acquisition of novel therapeutic vulnerabilities in lung cancer**

*Dr S. Prekovic, Netherlands Cancer Institute, Amsterdam, The Netherlands*

**O02 - A lung tissue gene expression profile of severe early onset COPD**

*Mr. N. Bekker, Department of Pathology and Medical Biology, University of Groningen, University Medical Centre Groningen & Groningen Research Institute for Asthma and COPD, University of Groningen, University Medical Centre, Groningen*

**O03 - Prevalence of non-pharmacological treatable traits in patients with asthma and their correlation with asthma control and quality of life**

*Steffi Janssen, MSc, Basalt Rehabilitation Centre, Leiden & Radboud University Medical Centre, Radboud Institute for Health Sciences, Department of Respiratory Diseases, Nijmegen & Department of Respiratory Medicine, Maastricht University Medical Centre (MUMC+) NUTRIM School of Nutrition and Translational Research in Metabolism, Faculty of Health, Medicine and Life Sciences, Maastricht*

**O04 - Treatment with allogeneic bone-marrow derived mesenchymal stromal cells alters pulmonary and systemic immune cell profile in emphysema patients**

*P. Padmini S.J. Khedoe, PhD, Dept of Pulmonology, Leiden University Medical Centre (LUMC), Leiden*

**O05 - Changed responses to influenza infection in house dust mite-exposed mice**

*Dan Li, MSc, Department of Molecular Pharmacology, University of Groningen, Groningen & Groningen Research Institute for Asthma and COPD (GRIAC), University Medical Centre Groningen, University of Groningen, Groningen*

**O06 - Fibrotic lung derived ECM hydrogels drive further fibrotic alterations by lung fibroblasts**

*Mehmet Nizamoglu, University of Groningen, University Medical Centre Groningen, Department of Pathology and Medical Biology, Groningen & University of Groningen, University Medical Centre Groningen, Groningen Research Institute for Asthma and COPD (GRIAC), Groningen*

**17:00 - 18:00**                      **NRS Annual General Assembly**

**Room: Vecht 1-3**

**18:00 - 20:00**                      **Served Dinner**    (*registration required*)

**20:00 - 21:00**                      **EVENING SESSION: Pro - Con discussion real time registry data in practice: Useful for research and clinical practice?**

*Chairs: Dr. Peter Kunst, OLVG, Amsterdam and Dr. Vivienne Kahlmann, Erasmus MC, Rotterdam*

*Panel:*

*Dr. Bas Geerdes, Integraal Kankercentrum Nederland, Amsterdam*

*Dr. Anke-Hilse Maitland, Netherlands Respiratory Society*

**21:00 23:00**                      **PubQuiz**

**Room: Eem/Lek**

- PREMIUM SPONSOR -



ORGANIZED BY



IN COLLABORATION WITH



- LEAD SPONSOR -





**Tuesday 14th of June**

**08:30 - 09:00** Registration and welcome coffee

**09:00 – 10:30** PARALLEL SESSIONS

<p><b>Room: Vecht 1-3</b> <b>Pulmonary Vascular System</b></p>	<p><b>SCIENTIFIC SESSION 2: Clinical Focus</b> <i>Chair: Dr. Esther Nossent, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>Interview with a patient</b> <i>By Prof. dr. Harm Jan Bogaard, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>Diagnosing and treating pulmonary hypertension</b> <i>Prof.dr. Harm Jan Bogaard, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>The role of the immune system in PAH and CTEPH</b> <i>Dr. Karin Boomars, Erasmus MC, Rotterdam</i></p> <p><b>Impaired angiogenesis in pediatric pulmonary hypertension</b> <i>Dr. Robbert Rottier, Erasmus MC, Rotterdam</i></p>
<p><b>Room: Eem/Lek</b> <b>Mucus and the Immune system</b></p>	<p><b>SCIENTIFIC SESSION 3: Basic translational focus</b> <i>Chair: Prof Barbro Melgert, University of Groningen &amp; Dr. Lennart Conemans, MUMC+, Maastricht</i></p> <p><b>Interview with a patient</b> <i>By Dr. Lennart Conemans, MUMC+, Maastricht</i></p> <p><b>Mucostasis promotes epigenetic reprogramming of airway macrophages</b> <i>Dr. Joschka Hey, German Cancer Research Centre (DKFZ), Heidelberg, Germany</i></p> <p><b>The role of miRNAs in chronic mucus hypersecretion</b> <i>Prof. dr. Corry-Anke Brandsma, University Groningen</i></p> <p><b>The association between a MUC5B promotor polymorphism and aging lung diseases</b> <i>Dr. Coline van Moorsel, St. Antonius hospital, Nieuwegein</i></p>

**10:30 - 11:00** Coffee Break

**11:00 – 12:30** PARALLEL SESSIONS

<p><b>Room: Vecht 1-3</b> <b>Pulmonary Vascular System</b></p>	<p><b>SCIENTIFIC SESSION 4: Basic translational focus</b> <i>Chair: Dr. Sami Simons, MUMC+, Maastricht and Dr Jules Derks, MUMC+, Maastricht</i></p> <p><b>Interview with a patient</b> <i>By Prof.dr. Harm Jan Bogaard, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>Single-cell profiling of the pulmonary endothelium in health and disease</b> <i>Dr. Laura De Rooij, University of Leuven, Belgium</i></p> <p><b>Consequences of pulmonary vascular remodeling on the right heart</b> <i>Dr. Frances De Man, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>Circadian signalling in pulmonary endothelial repair</b> <i>Prof. dr. Reinoud Gosens, University Groningen</i></p>
--------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p><b>Room: Eem/Lek</b>  <b>Mucus and the Immune system</b></p>	<p><b>SCIENTIFIC SESSION 5: Clinical Focus</b>  <i>Chairs: Dr. Joschka Hey, German Cancer Research Centre (DKFZ), Heidelberg, Germany and Prof. dr. Irene Heijink, UMCG, Groningen</i></p> <p><b>Interview with a patient</b>  <i>By Dr. Jorine Hartman, UMCG, Groningen</i></p> <p><b>Cough in IPF</b>  <i>Dr. Marlies Wijssenbeek, Erasmus MC, Rotterdam</i></p> <p><b>New bronchoscopic treatment modalities for patients with chronic bronchitis</b>  <i>Dr. Jorine Hartman, UMCG, Groningen</i></p> <p><b>Monitoring inflammation in early CF'</b>  <i>Dr. Hettie Janssens, Erasmus MC, Rotterdam</i></p>
---------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**12:30 - 13:30**                      **Lunch break, exhibition, poster viewing**

13:30 - 15:00                      Poster viewing and discussion with presenters (grouped by theme)  
**Room: Singel**

15:15 – 16:45                      **PARALLEL SESSIONS**

<p><b>Room: Vecht 1-3</b></p>	<p><b>SCIENTIFIC SESSION 6: Respiratory Infections beyond COVID-19</b>  <i>Chair: Dr. Peter Kunst, OLVG, Amsterdam</i></p> <p><b>Sampling the upper respiratory tract to identify the cause of lower airway infections</b>  <i>Dr. Marien de Jonge, Radboudumc, Nijmegen</i></p> <p><b>Long-term effects of SARS CoV2 infection affecting cellular functions</b>  <i>Dr. René Lutter, Amsterdam Medical Centre (A-UMC), Amsterdam</i></p> <p><b>The shortest way to the best treatment during a pandemic</b>  <i>Prof. dr. Marc Bonten, UMCU, Utrecht</i></p>
<p><b>Room: Eem/Lek</b></p>	<p><b>SCIENTIFIC SESSION 7: Epigenetics in Respiratory diseases</b>  <i>Chair: Dr. Gimano Amatngalim, UMCU, Utrecht</i></p> <p><b>Interview with 2 patients</b>  <i>By Prof. dr. Huib Kerstjens, UMCG, Groningen</i></p> <p><b>Multiple levels of chromatin organization enable rapid recall in memory T cells</b>  <i>Dr. Anne Onrust-van Schoonhoven, Erasmus MC, Rotterdam</i></p> <p><b>Genetic screen reveals a novel therapeutic strategy for BAP1-loss associated mesothelioma</b>  <i>Dr. Nick Landman, Netherlands Cancer Institute, Amsterdam</i></p> <p><b>Epigenetic regulation of AT2 cell differentiation in COPD</b>  <i>Dr. Machteld Hylkema, University Groningen</i></p>

**16:45 - 17:00**                      **Awards Ceremony including the Chiesi Young Investigator Award & Closing**

**Room: Vecht 1-3**



ORGANIZED BY



IN COLLABORATION WITH

