Longfonds Symposium on Lung Regeneration

Friday 12 December 2025 | Hubrecht Institute Utrecht, The Netherlands

09:30	Welcome by Károly Illy, CEO of Longfonds, and Carla Kim, Consortium Lead of the LONGFONDS | Accelerate program
Theme session 1	**Regenerative therapeutics for COPD**
09.45	**The fibroblast secretome as a source for regenerative therapeutics** prof.dr. Reinoud Gosens, The Netherlands University of Groningen | Translational Pharmacology at the Faculty of Science and Engineering *Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*
10:05	**COPD-iNET: Building a collaborative global network to transform COPD research** prof.dr. Ali Önder Yilderim, Germany Helmholtz Munich | Institute of Lung Health and Immunity Ludwig-Maximilian University Munich | Medical Faculty | Institute of Experimental Pneumology
10:25	**The functional shift of small airway secretory cells in COPD** dr. Yan Hu, USA Nationwide Children's Hospital| Center for Perinatal Research |The Ohio State University, Department of Pediatrics *LONGFONDS | Accelerate BREATH Consortium*
10:45	**Synthesis and Functions of Mucins and Mucus in COPD** prof.dr. Christopher M. Evans, USA University of Colorado Anschutz | School of Medicine | Division of Pulmonary, Allergy, and Critical Care Medicine *LONGFONDS | Accelerate BREATH Consortium*
11:05 – 11:25	**Plenary discussion** led by Nella Dost, Clevers Lab, Hubrecht Institute
11:30	Coffee break
11.55	**Interview: Patient Perspective** – Károly Illy in conversation with Pieter van Eck
Theme session 2	**Dissecting the defective airway and alveolar microenvironment**
12:10	**Aging and Repair in COPD** prof.dr. Melanie Königshoff, USA University of Pittsburgh | Department of Medicine | Division of Pulmonary, Allergy, and Critical Care Medicine | Center for Lung Aging and Regeneration (CLAR) *Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*
12:30	**Understanding the genetic health and recovery of normal lung epithelium** prof.dr. Sam Janes, UK University College London | Respiratory Research Department *Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*

12:50 – 1:00	**Plenary discussion** led by Nella Dost
01:00	Lunch break
Theme session 3	**Complex disease models of COPD**
02:00	**Utility of transgenic ferret models to study lung injury and repair** prof.dr. John F. Engelhardt, USA University of Alabama at Birmingham | Department of Medicine | Division of Pulmonary, Allergy and Critical Care Medicine *Translational Committee of the LONGFONDS | Accelerate BREATH Consortium*
02:20	**The development of the human lung from the first breath** Dr. Maria Ciocca Basil, USA University of Pennsylvania | Perelman School of Medicine *LONGFONDS | Accelerate BREATH Consortium*
02:40	**Organoids model human disease in 2D and 3D** prof.dr. Hans Clevers, The Netherlands Utrecht University | Hubrecht Institute Utrecht (KNAW) *Consortium lead until 2024 | Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*
03:00 – 03:15	**Plenary discussion** led by Nella Dost
03:20	Coffee break
Theme session 4	**Stem cells as drugs and drug targets**
03:45	**Regeneration of pediatric lungs** prof.dr. Paolo de Coppi, UK University College London | Great Ormond Street Hospital London | Paediatric Surgery *Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*
04:05	**Small but mighty: extracellular vesicles in lung aging and regeneration** prof.dr. Mareike Lehmann, Germany Philipps University Marburg | Institute for Lung Research | Translational Inflammation Research Helmholtz Munich | Institute of Lung Health and Immunity | Lung Inflammaging Research Group
04:25	**Macrophage therapy for liver disease** prof.dr. Stuart Forbes, UK University of Edinburgh | Institute for Regeneration and Repair | Centre for Regenerative Medicine *Translational Committee of the LONGFONDS | Accelerate BREATH Consortium*
04:45	**Regulation of lung progenitors and their microenvironment** prof.dr. Carla Kim, USA Boston Children's Hospital | Pediatrics, Stem Cell and Regenerative Biology Program Harvard Medical School | Department of Genetics | Regenerative Medicine *Consortium lead and Principal Investigator of the LONGFONDS | Accelerate BREATH Consortium*
05:05 – 05:25	**Plenary discussion** led by Nella Dost
05:30	**End-of-day wrap-up and closing words** by Carla Kim and Károly Illy
05:45 (till 07:00)	Drinks & bites