

Symposium National Program for Respiratory Research

Cross-border thinking: a key to success in Dutch respiratory research

- Date: Friday September 22, 2017.
- Location: Hotel & Congresscentrum De Reehorst, Bennekomseweg 24, Ede
- Chairs: Pieter Hiemstra (LUMC) and Robbert Rottier (Erasmus MC) on behalf of the members of the taskforce Cross-fertilization between research areas

Provisional Program:

- 09:15-09:45: **Coffee**
- 09:45-10:00: Introduction
Pieter Hiemstra (LUMC)
- 10:00-10:35: Epigenetic editing: towards a curable epigenome
Marianne Rots (UMCG)
- 10:35-11:10: Research on the microbiome has reached the clinic: the Netherlands Fecal Transplant Bank
Liz Terveer (LUMC)
- 11:10-11:45: Lessons on lung disease pathogenesis from radiation-induced lung injury
Dirk de Ruyscher (Maastricht clinic, Maastricht/ KU Leuven)
- 11:45-12:20: CRISPR-Cas9 and other gene editing techniques: hope or hype?
Alex Maas (Erasmus MC, Rotterdam)
- 12:20-13:30 **Lunch**
- 13:30-14:05: Patient involvement in research
Truus Teunissen (Longfonds)
- 14:05-14:40: High-throughput robotics screening using gene knockdown approaches in molecular carcinogenesis research
Roderick Beijersbergen (Netherlands Cancer Institute, Amsterdam)
- 14:40-15:10: **Coffee**
- 15:10-15:45: Optogenetics: using light to dissect and direct intracellular organization
Lucas Kapitein (Utrecht University)
- 15:45-16:20: Organ-on-a-chip: combining (stem) cell technology and engineering
Andries van der Meer (University of Twente)
- 16:20-16:30: Closure
Robbert Rottier (Erasmus MC)