

Programme OrganoidNL 2024

09:00 – 09:30 Register & coffee at the nearby Turingzaal (CWI, 2 minute walk from AMOLF)

Session 1 (chair: Sander Tans, AMOLF)

09:30 – 09:40 **Sander Tans**, Welcome and introduction

09:40 – 10:00 **Hans Clevers** (on-line) Roche, Basel.

Opening lecture

10:00 – 10:25 **Rob Coppes**, UMCG, Groningen.

Organoid derived cell therapy to ameliorate hyposalivation after radiotherapy.

10:25 – 10:40 *Selected talk* – **Tami Jingshu Zhang**, Erasmus MC, Rotterdam.

Human respiratory tract organoids reveal the divergent pathogenesis between human coronaviruses.

10:40 – 10:55 *Selected talk* – **Mattia Gerli**, University College London, UK.

Single cell-guided prenatal derivation of primary fetal epithelial organoids from the human amniotic and tracheal fluids

10:55 – 11:20 Coffee break

Session 2 (chair: Jeroen van Zon, AMOLF)

11:20 – 11:45 **Jeroen Pasterkamp** UMCU, Utrecht.

Dissecting motor neuron disease using neural organoids.

11:45 – 12:10 **Qiwei Abdullah Pan**, Erasmus UMC, Rotterdam.

Augmenting organoids for viral disease modelling and therapeutic development

12:10 – 12:30 Flash talks (chairs: Benedetta Artegiani & Delilah Hendriks, Princess Máxima)

Lunch and poster session

12:30 – 14:30 Lunch and Posters

Session 3 (chair: Hugo Snippert, UMC Utrecht)

14:30 – 14:45 *Selected talk* – **Steffen Sonnentag**, KIT/IBCS-FMS, Karlsruhe, DE.

CD44: A novel regulator of colorectal cancer cell plasticity

14:45 – 15:00 *Selected talk* - **Amanda Andersson Rolf**, Hubrecht Institute, NL.

Long-term in vitro expansion of a human tripotent fetal pancreas progenitor cell

15:00 – 15:25 **Colinda Scheele**, KU Leuven, BE.

In vitro modelling of tumor initiation in the breast – morphology matters

15:25 – 15:45 Tea break

Session 4 (chair: Saskia Suijkerbuijk, Utrecht University)

15:45 – 16:00 *Selected talk* - **Noemi Alonso Saiz**, NKI, Amsterdam, NL.

The role of CTCF during early development using gastruloids.

16:00 – 16:45 **Keynote lecture**

Margherita Turco, Friedrich Miescher Institute, Basel, CH

Human endometrial and trophoblast organoids: windows into reproductive health in development and disease

Closing

16:45 – 17:00 Poster award (Benedetta Artegiani and Delilah Hendriks)

Closing (Sander Tans)

Drinks and networking

17:00 – 18:30 Drinks and networking at AMOLF