

DIMET COURSE

"Organoids and disease modeling"

Organized by:
Silvia Kirsten Nicolis and Marta Serafini

PROGRAM

Wednesday, November 17, 2021

Brain

14:15 - 15:15 (*Central European Time*) **Juergen Knoblich** (Institute of Molecular Biotechnology, Wien, Austria)

"Human brain development and disease in cerebral organoids"

15:15 - 16:15 **Jessica Mariani** (Yale School of Medicine, Yale University, CT, USA)
"Modeling FOXG1 Syndrome using human pluripotent stem cells and telencephalic organoids"

16:15 - 16.45 BREAK

16:45 - 17:45 **In-Hyun Park** (Yale School of Medicine, Yale University, CT, USA)
"Development of integrated brain organoids to investigate human brain development and diseases"

17:45 - 18:45 **Veronica Krenn** (Institute of Molecular Biotechnology, Wien, Austria)
"Modeling brain infections using human cerebral organoids"

Thursday, November 18, 2021

Leukemia, brain cancer and Down syndrome

14:15 - 15:15 **Dominique Bonnet** (Crick Institute, London, UK)
"Humanised Bone marrow niche to study human normal and malignant haematopoiesis"

15:15 - 16:15 **Luca Tiberi** (University of Trento, Armenise-Harvard Laboratory of Brain Disorders and Cancer)
"Modeling brain cancer with human organoids"

16:15 - 16.45 BREAK

16:45 - 17.45 **Peng Jiang** (Rutgers University, NJ, USA)
"Modeling Down Syndrome Using human iPSC-based Cerebral Organoids"

Friday, November 19, 2021

Other organs

14:15 - 15:15 **Catherine Verfaillie** (University of Leuven, Belgium)
"Engineering liver models from iPSC"

15:15 - 16:15 **Magdalena Renner** (Institute of Molecular and Clinical Ophthalmology, Basel, Switzerland)
"Retinal organoids to model development and disease"

16:15 - 16.45 BREAK

16:45 - 17:45 **Reiner Wimmer** (Roche, Basel, Switzerland)
"Engineering organoids and organ-on-chip models of the vasculature for disease modeling and drug discovery"

Links:

-Wednesday, November 17, 2021

Link for participants: <https://unimib.webex.com/unimib-it/onstage/g.php?MTID=ecd39749d8acbb6d5255304533fc0ce67>

Password: day17 (32917 from cellphones)

-Thursday, November 18, 2021

Link for participants: <https://unimib.webex.com/unimib-it/onstage/g.php?MTID=eb77f9b97812a354d9ae4c19a62900f48>

Password evento: day18 (32918 from cellphones)

-Friday, November 19, 2021

Link for participants: <https://unimib.webex.com/unimib-it/onstage/g.php?MTID=eb50c0c7e74995f2da606b33373b1da01>

Password evento: day19 (32919 from cellphones)