

Interaction of Human Brain Cells International ForInter Symposium



Chair: Prof. Dr. Beate Winner / Prof. Dr. Jürgen Winkler

Symposium - Day 1: 23.11.2023

17.30 - 18.50

Welcome

Prof. Dr. Beate Winner

Opening Lecture

Prof. Dr. Barbara Treutlein & Prof. Dr. Fabian Theis

Combining Artificial Intelligence with single-cell and organoid

technologies: Learning and using an integrated human brain organoid cellatlas

Chair Prof. Dr. Beate Winner

Symposium - Day 2: 24.11.2023

09.00 - 09.30

Welcome and talk

Prof. Dr. Beate Winner

ForInter: Translation in human stem cell based models

09.30 - 10.30

Keynote Lecture

Prof. Dr. Jürgen Knoblich

Genetic screening and neural network pathology in cerebral organoids

Chair: Dr. Sven Falk

10.30 - 11.00

Coffee break

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- 11.00 - 11.30 **Keynote Lecture**
Prof. Dr. Simon Schäfer
Modeling human microglia phenotypes using organoid-based platforms
Chair: Prof. Dr. Chichung Lie
- 11.30 - 11.45 **ForInter Talk**
Tom Börstler
Deep characterization of hPSCs to assess their differentiation capability
Chair Prof. Dr. Beate Winner
- 11.45 - 12.00 **ForInter Talk**
Kristina Battis
Human Oligodendroglia: Insides into Health and Disease
Chair Prof. Jürgen Winkler
- 12.00 - 13.00 **Lunch**
- 13.00 - 13.30 **Keynote Lecture**
Prof. Dr. Ludo Van Den Bosch
Deciphering the pathogenic mechanisms of amyotrophic lateral sclerosis(ALS) using patient-derived induced pluripotent stem cells (iPSCs)
Chair Prof. Dr. Beate Winner
- 13.30 - 13.45 **ForInter Best Poster Awards**
Chair Prof. Jürgen Winkler
ForInter Young Investigator Award
Chair Prof. Beate Winner
- 14.00 **Farewell**