

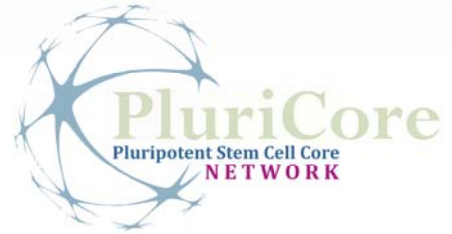
5th MEETING OF THE GERMAN STEM CELL CORES

**BERLIN
INSTITUTE
OF HEALTH**

Charité & Max Delbrück Center

Venue:

Charité – Universitätsmedizin Berlin
BIH Center for Regenerative Therapies (BCRT)
Cranach Haus
Room 0.0043
Föhrer Str. 15, 13353 Berlin



Contact: claudia.schaar@charite.de, +49 30 450 543 614

November 7, 2019

Presentations | Discussions | CHAIR: Sebastian Diecke (MDC Berlin)

- 10:30 am Arrival, Registration
- 11:00 am **Introduction**
- 11:00 am **Christina Eugster Oegema** (MPI of Molecular Cell Biology and Genetics Dresden)
MPI-CBG Dresden is setting up a new "organoid and stem cell facility"
- 11:35 am **Timon Seeger** (Heidelberg University Hospital)
iPSC derived Cardiomyocytes in Heidelberg
- 12:00 pm **Kevin Achberger** (University Tuebingen)
tba
- 12:30 pm BREAK
- 1:30 pm **Helena Windsor** (Mycoplasma Experience Limited)
Beware of Mycoplasmas - Mycoplasma Contamination of Cell Cultures, Prevention, Detection and Control
- 2:10 pm **Malte Tiburcy** (University Medical Center Göttingen)
Transition of iPSC-derived Human Myocardium to cGMP - Lessons Learnt
- 2:50 pm **Freund, Christian** (Leiden University Medical Center)
LUMC hiPSC core facility: Assessment of karyotype stability in hiPSCs
- 3:10 pm **Narasimha Swami Telugu** (Max Delbrück Center for Molecular Medicine Berlin)
Optimized genome editing using CRISPR mix in human induced pluripotent stem cells to model genetic diseases
- 3:40 pm BREAK
- 4:00 pm **Robert Zweigerdt/ Felix Manstein** (Hannover Medical School)
tba
- 4:30 pm **Open Discussion**
Topics: Differentiation, Geneediting, Quality Control, Baseediting, Optogenetics, Organoids, Imaging
- 6:00 pm END
- 7:00 pm **Dinner** at Trattoria Zoe, Senefelderstr. 70, 10437 Berlin

5th MEETING OF THE GERMAN STEM CELL CORES

**BERLIN
INSTITUTE
OF HEALTH**

Charité & Max Delbrück Center

November 08, 2019

Presentations | Discussions | Chair: Harald Stachelscheid (Charité Berlin)

- 9:30 am **Micha Drukker** (Helmholtz Center Munich)
Clinical-grade Manufacturing of iPSCs for Regenerative Therapies Without Immunological Complications
- 10:00 am **Ole Pless** (Fraunhofer IME ScreeningPort Hamburg)
Blood-brain barrier models based on human pluripotent stem cells for drug discovery and functional studies
- 10:30 am **Ulrich Martin** (Hannover Medical School)
Induced pluripotent stem cells for Clinically Applicable heart REpair (iCARE)- Preclinical evaluation in a non-human primate model and a roadmap for clinical application
- 11:00 am **Open Slot**
tba
- 12:00 pm BREAK
- 1:00 pm **Daniel Besser** (GSCN Berlin)
*Wiley - Current Protocols in Stem Cell Research
Funding for Stem Cell Research*
- 1:40 pm **Thomas Liehr** (Universitätsklinikum Jena)
Molecular (cyto)genetics - necessary for stem cell research?
- 2:00 pm Wrap up of the meeting and further discussion
- 2:30 pm End of Meeting