5th MEETING OF THE GERMAN STEM CELL CORES

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

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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
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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