

NOVEMBER 10TH

8.45 **REGISTRATION, COFFEE AND TEA**

9.20 **WELCOME**

by Christian Clausen, Chairman of DASCS

SESSION 1 – STEM CELLS AND NEURODEGENERATIVE DISEASES (PART 1)

9.30 Dementia in a dish – induced pluripotent stem cell-modeling of neurodegeneration
by Poul Hyttel, Professor (Copenhagen University)

10.00 How can skin cells help us understand and treat neurodegenerative diseases
by Laurent Roybon (Ass. Professor, University of Lund)

10.30 **BREAK**

SESSION 1 – STEM CELLS AND NEURODEGENERATIVE DISEASES (PART 2)

11.30 Glial progenitor cell-based treatment and modeling of neurological disease
by Steven Goldman (Professor, University of Rochester and University of Copenhagen)

12.00 Cell therapy for Parkinson's disease: Current status and future perspectives
by Anders Björklund (Professor, University of Lund)

12.30 **POSTERS AND MEET THE SPEAKERS**

13.00 **LUNCH**

SESSION 2 – GENE EDITING IN STEM CELLS

14.30 Efficient intracellular delivery of recombinant CRISPR/Cas9
— application in vitro and in vivo *by Niels Geijsen (Professor, Hubrecht University)*

15.00 Ways to improve CRISPR-Cas9 gene editing efficiency
by Yonglun Luo (Ass. Professor, Aarhus University)

15.30 **POSTERS AND MEET THE SPEAKERS**

SESSION 3 – IMMUNE-MODULATION AND STEM CELLS

16.30 Stem Cell Ninjas *by Oren Levy (Ass. Professor, Harvard University)*

17.00 Bringing Mesenchymal Stem Cells to the Clinic
by Katarina Le Blanc (Professor, Karolinska Institute)

17.30 **NETWORKING BEER, POSTERS AND MEET THE SPEAKERS**

19.30 **CONFERENCE DINNER**

NOVEMBER 11TH

SESSION 4 – SPACE FOR STEM CELL REGENERATION

- 8.30 Derivation of insulin-secreting cells from gastric tissues
by Qiao Zhou (Ass. Professor, Harvard Stem Cell Institute)
- 9.00 Targeting skeletal stem cells for enhancing bone formation
by Moustapha Kassem, (Professor, Odense University Hospital)
- 9.30 Mapping the structure of the extracellular matrix in health and disease
by Alejandro Mayorca Guiliani, (PostDoc, University of Copenhagen, BRIC)
- 10.00 **POSTERS, MEET THE SPEAKERS AND HOTEL CHECK OUT**

SESSION 5 – POSTERS AND SPONSOR PRESENTATIONS

- 11.00 Best Poster Presentation
- 11.15 Selected Sponsor Talk (based on participant reviews)

SESSION 6 – ORGANS ON-A-CHIP

- 11.30 Putting a Human Heart & Fat on a Chip: Microphysiological platforms as in vitro models of cardiac and adipose tissue *by Peter Loskill (Group Leader, Fraunhofer IGB)*
- 12.00 Effects on differentiation of cells under perfusion
by Martin Dufva (Ass. Professor, DTU)
- Closing Remarks
- 12.30 **POSTERS AND MEET THE SPEAKERS**
- 13.00 **LUNCH AND DEPARTURE**



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