

XXVIII Annual Meeting
Danish Society for Neuroscience (DSfN)

“Stem Cells in a Neurotranslational Perspective”

May 11 – 12; 2015

Hotel Hesselet, Nyborg



Symposium organizers

Morten Blinkenberg, University of Copenhagen/Rigshospitalet

Tina Stummann, H. Lundbeck A/S

Mark Denham, University of Aarhus

Helle Bogetofte, Bjarne W. Kristensen & Morten Meyer, Univ. of Southern Denmark

Location

Hotel Hesselet, Christianslundsvej 119, 5800 Nyborg, Denmark

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Registration and payment

Early registration (before March 15)

Members of DSfN: DKK 2700

Non-members: DKK 3200

Students: DKK 1000

Danish Society for Neuroscience (DSfN)
Annual meeting, May 11-12, 2015
Hotel Hesselet, Nyborg, DK

"STEM CELL RESEARCH IN A NEUROTRANSLATIONAL PERSPECTIVE"

Monday May 11th

09.00 – Arrival, coffee and registration

10.00 - Welcome

10.15 - **Introductory lecture** :Poul Hyttel, Univ. of Copenhagen, DK (45 min)
(confirmed). General introduction to stem cells and stem cell related technologies.

Session 1: Stem Cells and Disease Modeling

Head of session: Mark Denham, Univ. of Aarhus, DK

11.00 - Richard Wade-Martins, Univ. of Oxford, UK (30 min) (confirmed).
Modeling Parkinson's cellular phenotypes in iPSC-derived dopamine neurons to drive target discovery.

11.30 - Benjamin Schmid, Bioneer A/S, DK (30 min) (confirmed).
Modeling LRRK2 pathogenesis in Parkinson's disease using isogenic gene-corrected iPSC cells.

12.00 - Lunch (1 hour)

13.00 - Justin Ichida, University of Southern California, USA (30 min) (confirmed).
Dissecting C9orf72 ALS/FTD disease mechanisms using induced neurons.

13.30 - Vanessa Hall, Univ. Copenhagen, DK (30 min) (confirmed).
Characterization of induced pluripotent stem cells derived from Alzheimer's disease patients harbouring a mutation in PSEN1.

14.00 - Short break (15 min)

Session 2: Stem Cell Differentiation and Neural Development

Head of session: Morten Meyer, University of Southern Denmark, DK

14.15 - Mark Denham, Univ. of Aarhus, DK (30 min) (confirmed).
Generation of peripheral and central nervous system cell types.

14.45 - Xianmin Zeng, Buck Institute, USA (30 min) (confirmed).
Cell fate: Neuronal and glial differentiation of human iPSC cells.

15.15 - Coffee and cake, posters (30 min)

15.45 - Laurent Roybon, Univ. of Lund, S (30 min) (confirmed).
Glial cells – new players in neurodegenerative diseases.

16.15 – **DataBlitz** 4x10 min (selected abstracts)

19.00 - Dinner

Tuesday May 12th

07.30 - Breakfast

Session 3: Stem Cells and Brain Cancer

Head of session: Bjarne W. Kristensen, Univ. of Southern Denmark, DK

08.30 - Bjarne W. Kristensen, Univ. of Southern Denmark, DK (30 min)
(confirmed).

Brain tumor stemness: A novel concept and its implications for understanding and targeting glioblastoma.

09.00 - Christel Herold-Mende, Univ. of Heidelberg, D (30 min) (confirmed).
Insights in quiescence and immunobiology of glioma stem cells.

09.30 - Per Øjvind Enger, Univ. of Bergen, N (30 min) (confirmed).
Malignant brain tumors from the perspective of stem cell biology.

10.00 - Coffee and posters (30 min)

Session 4: Stem Cell Research in Pharma Industry

Head of session: Tina Stummann, H. Lundbeck A/S, DK

10.30 - Patrik Foerch, UCB Biopharma, B (30 min) (confirmed).
Modeling Parkinson's disease using iPS cells & Introduction to European Bank for iPS cells (EBiSC).

11.00 - Alfredo Cabrera, Janssen R&D, B (30 min) (confirmed).
Modeling Alzheimer's disease using iPS cells.

11.30 - Anna Jonebring, AstraZeneca, S (30 min) (confirmed).
AstraZeneca use of stem cells in neuroscience research – better translability with improved *in vitro* models.

12.00 - Lunch

Session 5: Stem Cells and Therapy

Head of session: Morten Blinkenberg, Univ. of Copenhagen/Rigshospitalet, DK

13.00 - Malin Parmar, Univ. of Lund, S (30 min) (confirmed).

Transplantation and functional assessment of human stem cell/fibroblast derived dopaminergic neurons.

13.30 - Raphael Guzman, Univ. Hospital Basel, CH (30 min) (confirmed).
Stem cell transplantation in spinal cord injury.

14.00 - Moustapha Kassem, Univ. of Southern Denmark, DK (30 min) (confirmed). Stromal stem cells: Basic biology and clinical use in stroke and tissue regeneration.

14.30 - Coffee and cake, posters (30 min)

15.00 - Roberto Oliveri, Univ. of Copenhagen, DK (30 min) (confirmed).
Mesenchymal stem cells for MS – the MESEMS trial.

15.30 - Morten Blinkenberg, Univ. of Copenhagen/Rigshospitalet, DK (30 min) (confirmed).
Autologous haematopoietic stem cell transplantation for MS – the Danish Experience.

16.00 - Short break (15 min)

16.15 - **Brain Prize winner:** Trevor W. Robbins, Univ. of Cambridge, UK (40 min) (confirmed).
The Cognitive Neuroscience of Neurodegenerative Disorders: Implications for Therapeutics.

16.55 - Departure



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