



# BrainStem - 4<sup>th</sup> Annual Symposium

August 19-20, 2019 | Belfragesalen, Klinikgatan 32, Lund

## DAY 1: August 19, 2019

- 09.30 – 10.00 Arrival and coffee  
10.00 – 10.20 Welcome and overview - Kristine Freude

### Session 1

**Early neural patterning and gene expression profiles** (Chair: Sissel Ida Schmidt)

- 10.20 – 10.30 Overview of still ongoing activities in relation to BrainStem WP1  
Agnete Kirkeby  
10.30 – 10.45 Screening for human neural subtype-specific markers  
Patrick Aldrin-Kirk (Kirkeby's group)  
10.45 – 11.00 Insight into the cellular and molecular characterization of the entorhinal cortex in the pig Yong Liu (Hall's group)

### Session 2

**Ethics** (Chair: Patrick Aldrin-Kirk)

- 11.00 – 11.10 Overview of activities in relation to BrainStem - Peter Sandøe  
11.10 – 11.25 Anonymity, databases and Consent - Rasmus Mikkelsen  
(Sandøe's group)  
11.25 – 12.25 Ethics Workshop -Peter Sandøe  
12.25 – 13.10 Lunch

### Session 3

**iPSC-derived modeling of neurodegeneration (PD focus)** (Chair: Henriette Haukedal)

- 13.10 – 13.20 Overview of activities in relation to BrainStem - Mark Denham  
13.20 – 13.35 Oligodendrocyte Pathology in Synucleinopathies  
Carla Azevedo (Roybon's group)  
13.35 – 13.50 Identifying risk variances in GBA-associated Parkinson's disease  
Katherine Gill (Denham's group)  
13.50 – 14.05 Targeting RhoA overactivity in iPSC-derived dopaminergic neurons with PARK2-related Parkinson's disease  
Sissel Ida Schmidt (Meyer's group)



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- 14.05 – 14.20      Lysosomal perturbations in dopaminergic neurons derived from induced pluripotent stem cells with PARK2 mutation Justyna Okarmus (Meyer's group)
- 14.20 – 14.35      Establishment of an  $\alpha$ -synuclein seeding models in iPSC neurons - Tina Charlotte Stummann (Fog's group)
- 14.35 – 14.50      Coffee Break

### Session 4

#### iPSC-derived modeling of neurodegeneration (AD and FTD focus)

(Chair: Gunnar Gouras)

- 14.50 – 15.00      Overview of activities in relation to BrainStem - Kristine Freude
- 15.00 – 15.15      Cellular phenotypes of PSEN1 iPSC derived neurons  
Henriette Haukedal (Freude's group)
- 15.15 – 15.30      Introducing AD-associated mutations with CRISPR-Cas9 in iPSC cells - Henriette Frederiksen (Freude's group)
- 15.30 – 15.45      Neurobiology of ApoE - Sabine Konings (Goura's group)
- 15.45 – 16.00      Coffee Break

- 16.00 – 16.45      Human-derived reprogrammed neurons for transplantation in stroke  
Keynote Lecture by Prof. Zaal Kokaia

- 16.45 – 17.15      Questions and discussion

- 19.00                  Dinner at Restaurant Rosegarden  
📍 Mårtensstorget 5, Lund



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## DAY 2: August 20, 2019

### Session 5

#### RNA-mediated mechanisms and bioinformatics in neurodegeneration

(Chair: Yong Liu)

- 08.45 – 08.55 Overview of activities in relation to BrainStem  
Stefan Seemann (Gorodkin's group)
- 08.55 – 09.10 Core Analysis - Giulia Corsi (Gorodkin's group)
- 09.10 – 09.25 Ongoing analyses on the data  
Veerendra Gadekar (Gorodkin's group)
- 09.25 – 09.40 High resolution mapping of the swine brain transcriptome and RNA splicing  
Yonglun Luo (Luo's group)
- 09.40 – 10.00 Coffee Break

### Session 6

#### Diagnostic and clinical aspects of neurodegeneration

(Chair: Carla Azevedo)

- 10.00 – 10.10 Overview of activities in relation to BrainStem  
Kristine Freude
- 10.10 – 10.40 Symposium closing remarks  
Kristine Freude
- 10.40 – 12.00 Networking and teambuilding activities  
📍 Venue TBA
- 10.40 – 12.00 Steering Group meeting (SG members only)  
📍 Dora Jacobsohn
- 12.00 – 13.00 Lunch



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## PRACTICAL INFORMATION



### Wi-fi network

There is access to Eduroam in all BMC premises. Alternatively, you may use 'LU Guest' (open any browser and follow the instructions).



### Parking

Closest parking is on Sölvegatan 19. A parking ticket machine is available on site. Day passes (35 SEK) can be purchased at the Parking Office: Sölvegatan 14, ground floor, tel.: +46 46 222 70 96.



### BrainStem Symposium Dinner

Dinner will take place on Monday at 7 pm at:  
Restaurant Rosegarden – Mårtensstorget 5, Lund  
Dinner buffet, two drinks per person and coffee/tea are included.



### Hotel Concordia

Stålbrogatan 1, 222 24 Lund, Sweden  
Tel.: +46 46 13 50 50 | <https://www.concordia.se/>



### Transportation

Lund Central Station: Bangatan 1, 222 21 Lund, Sweden  
Train ticket information: <https://www.sj.se>  
Public transportation in Lund: <https://www.skanetrafiken.se/>  
Taxi: <https://www.taxiskane.com/malmo> (040 330 330)



### Emergency phone numbers

Universal emergency number: 112  
University security control centre: +46 46 222 0700  
Betina: +45 21 51 09 32  
Lena: +45 93 88 39 99