



LUND UNIVERSITY

## Nordic Huntington Disease Research Meeting

Lund, Sweden, Nov 27, 2018



The Huntington Center in Lund, Sweden, welcomes you to a one-day Nordic Huntington Disease Research Meeting. The Huntington Center is an excellence initiative between Lund University and the health care organization Region Skåne, with the aim to bring research and clinical care in HD closer together.

The meeting will take place on **Tuesday November 27, 2018** in the Belfrage hall at D15 of the Biomedical Center (BMC), Klinikgatan 32, in Lund, Sweden. The official language will be in English.

### Program

- 9.30-10.00 Registration and coffee
- 10.00-10.15 **Welcome and presentation of the Huntington Center** (*chair Åsa Petersén, Lund*)
- 10.15-11.45 **Data blitz presentations- Clinical Research** (*chair Maria Björkqvist, Lund*)
- Lena Hjermand, Copenhagen: Presentation of the Copenhagen HD Center
- Marie Hellem, Copenhagen: Follow-up on the Copenhagen HD cohort
- Amanda Heslegrave, Gothenburg/London: The use of super sensitive assay technology in tracking biomarkers in HD
- Valter Niemelä, Uppsala: CSF Neurodegenerative and inflammatory markers in HD
- Sanaz Gabery, Lund: Effects on SIRT1 and hypothalamic metabolic pathways in HD
- Jo B. Henningsen, Lund: Role of excitotoxicity in hypothalamic pathology in HD
- 11.45-13.00 Lunch
- 13.00-14.30 **Data blitz presentations- Mechanisms of Disease** (*chair Dan Lindholm, Helsinki*)
- Maria Gierisch, Stockholm: Exploiting the ubiquitin/proteasome system in HD
- Rana Soyly-Kucharz, Lund: Effects of hypothalamic dysfunction on ventral striatal pathology in HD models
- Marie Sjögren, Lund: Altered metabolism in leptin-deficient R6/2 mice
- Tiberiu Loridan Stan, Lund: Gut problems in Huntington's disease: relevance of a leaky gut for HD pathology
- Mette Madsen/Anne Nørremølle, Copenhagen: ROS and ROS protection in R6/2 synaptosomes
- Niels H. Skotte, Copenhagen: Impaired neuron-astrocyte metabolism in HD R6/2 mice
- 14.30-15.00 Coffee break
- 15.00-16.30 **Data blitz presentations- Future Therapies** (*chair Anne Nørremølle, Copenhagen*)
- Polina Stepanova, Helsinki: Effect of CDFN in animal models of HD
- Rachel Y. Cheong, Lund: The role of the oxytocin system in HD
- Karolina Pircs, Lund: Activation of autophagy as a treatment strategy in HD
- Johan Jakobsson, Lund: Using patient-derived aged neurons to develop new treatments for HD
- Adele Marthaler, Copenhagen: Induced pluripotent stem cell-derived models of HD
- Rossana Foti, Copenhagen: Epigenetics of glial cells in Huntington's disease
- 16.30-16.40 Break
- 16.40-17.00 **Discussion about Nordic HD research** (*chairs Åsa Petersén and Maria Björkqvist*)
- 17.00-17.30 **Inspiration** (*Astri Arnesen, President of the European Huntington Association and Carina Hvalstedt, board member of Riksförbundet för Huntingtons sjukdom*)
- 18.00- 21.00 **Networking and Meeting Dinner** at Restaurant *På Skissernas*, Finngatan 2, Lund

\*\* Data blitz presentations will be 10 min followed by 5 min for Q&A