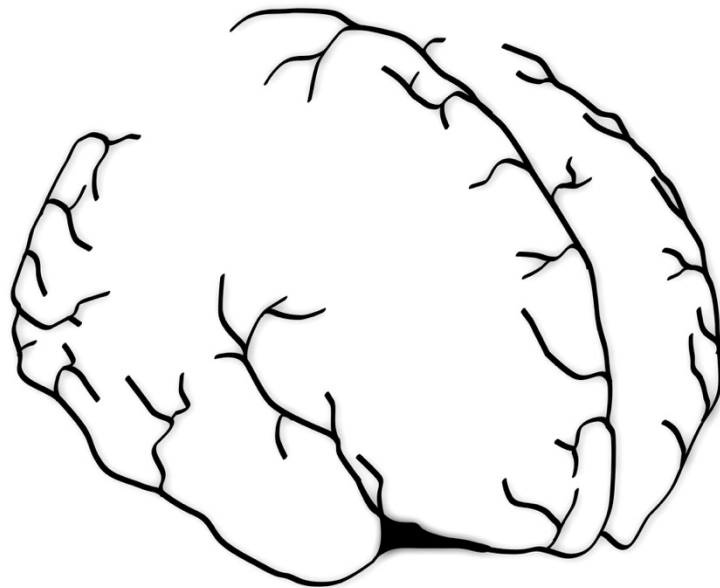


# NEUROSCIENCE DAY

May 9th, 2019



**LUND**  
UNIVERSITY

# Program for Neuroscience Day, Thursday May 9th

**Place: Fernström Lecture Hall, BMC, Sölvegatan 19, Lund**

- 09.00-09.10      **Introduction by Martin Garwicz**
- 09.10-09.50      Owen Wolkowitz  
University of California, San Francisco, USA  
**Accelerated Cellular Aging in Psychiatric Disorders: From Markers to Mechanisms**  
Chair: Åsa Westrin & Daniel Lindqvist
- 09.50-10.10      Coffee break
- 10.10-10.50      Eva Hedlund  
Department of Neuroscience, Karolinska Institute, Stockholm  
**Elucidating mechanisms of neuronal vulnerability and resilience in motor neuron diseases**  
Chair: Johan Jakobsson
- 10.50-11.30      Ido Amit  
Weizmann Institute of Science, Rehovot, Israel  
**The power of ONE: Immunology in the age of single cell genomics**  
Chair: Malin Parmar
- 
- 11.30-13.00      **Lunch** - free sandwiches and light drinks provided for all registered participants
- 
- 13.00-14.30      **Oral presentations by PhD students**  
*10 minutes each, followed by short discussion*  
Chair: Christine Ekdahl Clementson & Åsa Petersén
- 13.00-13.10      *Marcella Birtele (Developmental and Regenerative Neurobiology)*  
***Identification and characterization of authentic dopaminergic neurons at single-cell resolution in human ventral midbrain-patterned organoids***
- 13.15-13.25      *Ella Quist (Stem Cells, Aging and Neurodegeneration)*  
***Direct conversion of human embryonic fibroblasts to functional astrocytes by defined factors***

- 13.30-13.40 *Alexander Lind (Paediatric Endocrinology)*  
***Immunology of Pandemrix-induced narcolepsy***
- 13.45-13.55 *Jonas Fritze (Stem Cells, Aging and Neurodegeneration)*  
***Loss of Cxcr5 alters neuroblast proliferation and migration in the aged brain***
- 14.00-14.10 *Laura Andreoli (Basal Ganglia Pathophysiology Unit)*  
***Role of indirect pathway D2 receptors in L-DOPA-induced dyskinesia***
- 14.15-14.25 *Sara Nolbrant (Developmental and Regenerative Neurobiology)*  
***Unbiased Gene Expression Analysis Reveals Human Stem Cell-Derived Graft Composition in a Cell Therapy Model of Parkinson's Disease***
- 14.30-15.10 Anna Planas  
Institute for Biomedical Research (IIBB-CSIC), Barcelona, Spain  
**Role of inflammatory cells in ischemic stroke outcome**  
Chair: Bo Nørving
- 15.15-15.50 Reception, mingle with refreshments
- 15.50-15.55 Announcement of awards for Best Oral Presentation
- 15.55-16.00 Announcement of grants awarded by the Segerfalk Foundation  
Martin Garwicz

## **16.00-17.00 2019 Segerfalk Lecture**

### **David Anderson**

Tianqiao and Chrissy Chen Institute for Neuroscience  
Caltech, Pasadena CA, USA

### **Innate Behaviors and Internal States:**

### **A Mechanistic approach to Emotions in Animal Models**

Diploma awarded by Ingrid Agartz, the Segerfalk Foundation  
Chair: Martin Garwicz

Neuroscience Day  
is sponsored by the  
Segerfalk Foundation

*Organizing committee: Anders Björklund, Christine Ekdahl Clementson, Martin Garwicz, Måns Magnusson, Bo Norrving, Malin Parmar, Åsa Petersén, Oskar Hansson, Maria Compagno Strandberg and Paulina Pettersson (co-ordinator).*