



## Program for Neuroscience Day, Thursday May 5<sup>th</sup>, 2022

**Place: LUX Lecture Hall, Helgonavägen 3, Lund**

09.00-09.10

**Introduction by Martin Garwicz**

09.10-09.50

**Ulrik Gether**

*University of Copenhagen, Molecular Neuropharmacology and Genetics  
Laboratory, Department of Neuroscience*

**Dopamine function across time scales: from nanoarchitecture to behavior  
and disease**

Chair: Angela Cenci Nilsson

09.50-10.10

*Break*

10.10-10.50

**Andreas Nieder**

*Chair, Animal Physiology, Director, Institute of Neurobiology  
University of Tübingen, Germany*

**Number representations in the brains of humans and animals**

Chair: Martin Garwicz

10.50-11.30

**Gonçalo Castelo-Branco**

*Department of Medical Biochemistry and Biophysics, Karolinska Institute,  
Stockholm*

**Oligodendroglia cell states in development and multiple sclerosis: insights  
from single-cell transcriptomics and epigenomics**

Chair: Johan Jakobsson

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11.30-13.00

**Lunch break**

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13.00-14.30

**Poster session**

Chair: Christine Ekdahl Clementson & Åsa Petersén

**Session A, 13.00-13.30:**

Chair: My Andersson: 1. Garza, 2. Salvador, 3. Schörling, 4. Stamouli, 5. Svensson  
Chair: Marco Ledri: 6. Adami, 7. Bäckström, 8. Elabi, 9. Nilsson, 10. Negrini  
Chair: Henrik Ahlenius: 11. Vinod, 12. Belfiori Carrasco, 13. Abbaszadeh, 14. Acker, 15. Brolin

**Session B, 13.30-14.00:**

Chair: My Andersson: 16. Buizza, 17. Crowe, 18. Dubonyte, 19. Fiorenzano  
Chair: Marco Ledri: 20. Dickson, 21. Bergh, 22. Hendel, 23. Muralidharan  
Chair: Jenny Wickham: 24. Yang, 25. Li, 26. Garcia, 27. Bechet, 28. Thakore

**Session C, 14.00-14.30:**

Chair: Jenny Wickham: 29. Karlsson, 30. Pandiloski, 31. Rajova, 32. Sozzi  
Chair: Henrik Ahlenius: 33. Konigs, 34. Wüstefeld, 35. Storm, 36. Tampé

14.30-15.10

**Silvia Cappello**

*Max Planck Institute of Psychiatry  
Munich, Germany*

**Extracellular Signaling in Neurodevelopmental Disorders**

Chair: Malin Parmar

**2022 Segerfalk Lecture:**

15.15-15.50

Reception, mingle with refreshments

15.50-15.55

Announcement of awards for Best Poster Presentation  
Christine Ekdahl Clementson & Åsa Petersén

15.55-16.00

Announcement of grants awarded by the Segerfalk Foundation  
Martin Garwicz

**16.00-17.00**

**SEGERFALK LECTURE**

Diploma awarded by Ingrid Agartz, Segerfalk Foundation

**Eero Castrén**

Academy Professor, Neuroscience Center,  
University of Helsinki, Finland

**Neuronal plasticity, neurotrophin signaling and the mechanism of action  
of the common antidepressant drugs**

Chair: Åsa Petersén

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).*