

Wednesday June 10

1600: Opening and Reception

1645: Plenary Lecture 1

Christine Van Broeckhoven – University of Antwerp
“TBA”

1755: Symposium Block 1 – Parallel Sessions

1. **Motor Systems**

Chair: Abdel El Manira – Karolinska Institutet

1755: Abdel El Manira – Karolinska Institutet
“*Deconstructing the Spinal Locomotor Circuits*”

1825: Gilad Silberberg – Karolinska Institutet
“*Neural Microcircuits Underlying Striatal Sensory Function*”

1855: Break

1910: Jean-Francois Perrier – University of Copenhagen
“*Serotonin Spillover onto the Axon Initial Segment of Motoneurons Induces Central Fatigue by Inhibiting Action Potential Initiation*”

2. **Molecular Mechanisms of Drug Abuse**

Chair: Poul Henning Jensen – Aarhus University

1755: Poul Nissen – Aarhus University
“*Structure and Mechanism of Neurotransmitter Transporters*”

1825: Petrine Wellendorph – University of Copenhagen
“*GHB (aka Fantasy) as a Signaling Molecule in the Mammalian Brain*”

1855: Break

1910: Esa Korpi – University of Helsinki
“*GABAergic Mechanisms in Addiction*”

1940: End of conference today

2000: Dinner

Thursday June 11

0900: Plenary Lecture 2

Michael Hausser – University College London
"TBA"

1000: Plenary Lecture 3

Silvia Arber – Friedrich Miescher Institute
"TBA"

1100: Poster session

Lunch in hallway at 1200

1300: Symposium Block 2 – Parallel Sessions

3. Regenerative Neuroscience – Translating Stem Cell Technologies into Personalized Treatments for CNS Injury and Disease

Chair:

1300: Zaal Kokaia – Lund University
"Clinical Translation of Stem Cell Based Therapies in the Treatment of Stroke"

1330: Susanna Narkilahti – University of Tampere
"Differentiation of Human Neural Stem Cells and Induced Pluripotent Stem Cells"

1400: Break

1415: Joel Glover – University of Oslo
"Endogenous Neural Stem Cells in Adult Brain Repair"

4. Cortex: Organization and Dynamics in Normal Brains and in Disease

Chair:

1300: David Rowland – Norwegian University of Science and Technology
"TBA"

1330: Lars Nyberg – Umeå University
"Lifespan Cortical Dynamics in Relation to Changes in Higher-Order Cognition"

1400: Break

1415: Albert Gjedde – University of Copenhagen
"Cortical Mechanisms of Conscious Brain Activity"

1445: Break

1500: Symposium Block 3 – Parallel Sessions

5. Neuronal Energy Crisis as a Key to Understanding Aging and Alzheimer's Disease

Chair: Heikki Tanila – University of Eastern Finland

1500: Agneta Nordberg – Karolinska Institutet

"PET Imaging of Amyloid Accumulation and Metabolic Failure in Early AD"

1530: Menno Witter – Norwegian University of Science and Technology

"The Specific Role of Entorhinal Neurons in Memory Disorders"

1600: Break

1615: Heikki Tanila – University of Eastern Finland

"The Role of Neuronal Hyperactivity in AD and Aging at the Network Level"

6. Neurotransmitter Transporters in Pathophysiology

Chair:

1500: Ulrik Gether – University of Copenhagen

"TBA"

1530: Klas Kullander – Uppsala University

"TBA"

1600: Break

1615: Farrukh Chaudhry – University of Oslo

"TBA"

1645: Break with snack

1715: Plenary Lecture 4

David Anderson – California Institute of Technology

"TBA"

1815: Break

1830: Plenary Lecture 5

May-Britt Moser and Edvard Moser - Norwegian University of Science and Technology

"The Brain's Map of Space"

1930: End of conference today

2000: Dinner

Friday June 12

0900: Symposium Block 4 – Parallel Sessions

7. Molecular Mechanisms and Novel Targets in Parkinson's Disease

Chair:

0900: Ernest Arenas – Karolinska Institutet
"TBA"

0930: Poul Henning Jensen – Aarhus University
"Alpha-Synuclein Aggregates in Parkinson's Disease, any Prospect for Therapeutic Targets?"

1000: Break

1015: Mart Saarma – University of Helsinki
"Neurotrophic Factors with Novel Mode of Action for Parkinson's Disease"

8. Computational Neuroscience Techniques to Explore the Structure and Function of the Brain

Chair:

0900: Gaute Einevoll – Norwegian University of Life Sciences
"TBA"

0930: Jeanette Hellgren Kotaleski – Karolinska Institutet
"TBA"

1000: Break

1015: Marja-Leena Linne – Tampere University
"TBA"

1055: Plenary Lecture 6

Nancy Kanwisher – Massachusetts Institute of Technology
"TBA"

1155: Lunch in hallway

1245: Chartered Bus to Airport – Arrive at Værnes Airport 1325