



StratNeuro Retreat 2023

Day 1: May 29th

08.30 Buses leaving KI to Djurönäset (Departs from Aula Medica)

09.15–09.45 Arrival + coffee and buns

Plenary session 1 (main building, congress hall)

09.45–10.00 **Welcome greetings and opening of meeting** (Konstantinos Meletis, KI)

10.00–10.45 **Keynote Lecture: (title tba)**

Lars Lannfelt (Uppsala Univ.),

Chair: Fredrik Piehl (CNS, KI)

10.50–12.05 **Talks:**

Miia Kivipelto (NVS, KI), **(title tba)**

Anna Marseglia (NVS, KI), ***Unravelling the link between cardiometabolic disorders and brain health: the contribution of sex-differences***

Luana Naia (NVS, KI), ***Neuron-astrocyte mitochondrial communication in Alzheimer's disease***

Chair: Eric Westman (NVS, KI)

12.10–12.40 **Poster blitz** (2 min each, 10 participants, pseudo-random selection)

Chair: Name (Inst.) – audience votes best Basic & Translational blitz

12.45–12.45 **Group photo outside**

12.50–13.50 Lunch

Plenary session 2 (main building, congress hall)

13.50–14.35 **Keynote Lecture: (title tba)**

Michael Brecht (Bernstein Center for Computational Neuroscience, Humboldt University)

Chair: Gilad Silberberg (NEURO, KI)

14.40–16.00 **Talks:**

Tatjana Tchumatchenko (University of Bonn Medical Center), **(title)**

Chair: Arvind Kumar (CST, KTH)

15.10–15.30 Coffee break



Marie Carlen (Neuro, KI), *(title)*

Chair: Emanuela Santini (Neuro, KI)

16.00–17.30 Break (Check-in, Free Time, hanging posters)

Poster and Mingle session (house 7 & house 5?) (With drinks and finger food)

17.30–20.00 Poster session (split into two groupings, to allow everyone a chance to visit other posters)

20.30–22.00 Dinner

22.00– 01:00 (Bar, music, pay for own drinks)

Day 2: May 30th

07.00–09.00 Breakfast (Check-out latest by 11.00)

Plenary session 3 (main building, congress hall)

09:30–10:15 **Keynote Lecture: (title tba)**

Guillermina López-Bendito (Instituto de Neurociencias, Univ. Miguel Hernandez),

Chair: Bob Harris (CNS, KI)

10.20–11.00 Coffee Break

Parallel break-out sessions I & II: (Main house and house 7)

11.00–12.30 **Break-out session I (Neurotech EU): “Beyond the Neuron: Role of glial cells in neurodegeneration, inflammation and plasticity”**

Christian Henneberger (University of Bonn), *Astrocytic control of glutamatergic synaptic crosstalk and dendritic integration in the hippocampus.*

Michael Heneka (University of Luxemburg), *Multilevel interaction of Innate immune activation in Alzheimer’s disease*

Jose P. Lopez-Atalaya (University Miguel Hernandes), *Molecular logic of microglia reactivity*

Chair: Joana B. Pereira (CNS, KI)

11.00–12.30 **Break-out session II, title TBD (molecular Neurobiology & single cell approaches)**

Onur Dagliyan (MBB, KI.), *(title tba)*



Patrik Ernfors (MBB, KI), *(title tba)*

Ulrika Marklund (MBB, KI), *(title tba)*

Özgün Gökce (University of Bonn Medical Center), *(title tba)*

Chair: Onur Dagliyan (MBB, KI)

12.45–13.45 Lunch

Parallell break-out sessions III & IV: (Main house and house 7)

13.45–15.15 **Break-out session III: Role of AI in Basic and Clinical Research: what does the Future look like?**

Thomas Frisell (MedS, Karolinska), *Predicting treatment outcomes using complex clinical data – Machine learning and feature engineering*

Rodrigo Moreno (KTH), *Advanced AI methods in basic and clinical research*

Pawel Herman (KTH), *(title tba)*

Chair: Tobias Granberg (CNS, KI.)

13.45–15.15 **Break-out session IV: The genes, the environment, and their interaction: the key to understanding neuropsychiatric diseases?**

Nancy Pedersen (MEB, KI), *(title tba)*

Fang Fang (IMM, KI), *(title tba)*

Lara Kular (CNS, KI), *Epigenetics of Multiple Sclerosis: towards a better understanding of the mechanisms of disease development and progression*

Chair: Lara Kular (CNS, KI)

15.15–15.45 Coffee Break (main house)

15.45–16.15 **Concluding remarks & poster prize awards** (main building, congress hall)

16.30 Buses return to KI (arrival approx.. 17.15)