

LiU Neuroscience Retreat

- Hooks Herrgård May 11-13th

May 11th

- 8:15** **Bus leaving US**
- 8:30 Buss Leaving Valla
- 10:30 Arriving at Hooks Herrgård
Coffee
- 11:00 **SAB lecture: Pertti Panula, University of Helsinki:** Zebrafish as a tool to study degenerative brain disorders
- 11.45 Lunch
- 13:15 **Theme: Sensory receptors. Host: Håkan Olausson, LiU**
- 13:25 **Marcin Szczot, LiU:** How does the peripheral nervous system encode a unitary painful stimulus?
- 13.55 **Peter Zygmunt, Lund University:** Thermosensitive TRP channels as chemo- and mechanosensors
- 14:40 Coffee
- 15:10 **Johan Wessberg, University of Gothenburg:** Microstimulation of single tactile afferents in the human hand
- 15.55 Check in
- 18:00 **Talk by SAB member** (pending)
- 19:30 Dinner

May 12th

- 7:00 Breakfast
- 8:30 **Theme: Epigenetics. Host: Per Jensen, LiU**
- 8:40 **Torsten Klengel, Harvard Medical School:** Translational Research on epigenetics in non-human primate models of psychiatric disorders
- 9.25 **Cathrine Peña, Princeton University:** Early life stress primes sensitivity to future stress: from epigenetics to engrams
- 10.10 Coffee

- 10.40 **Tracy Bale, University of Maryland:** Extracellular vesicles as systemic stress signals and novel mechanisms in neurodevelopment
- 11.25 **Estelle Barbier, LiU:** Epigenetic mechanisms underlying alcohol use and anxiety disorders
- 11:55 Pause
- 12.05 **SAB lecture: Claes Wahlestedt, University of Miami:** Amplifying Gene Expression with RNA-Targeted Therapeutics
- 12.50 Lunch
- 14.00 Poster
16:00
- 18:00 **Talk by SAB member** (pending)
- 19:30 Dinner

May 13th

- 7:00 Breakfast
- 8:30 **Theme: Epilepsy. Host: Fredrik Elinder, LiU
Helena Gauffin, LiU:** Epilepsy – a clinical overview
- 9:00 **Maurizio Tagliatela, University of Naples:** Critical issues and experimental models for early-onset epileptic encephalopathies: the case of KCNQ2
- 9:45 **Merab Kokaia, Lund University:** Novel treatment strategies for epilepsy
- 10:30 Coffee
- 11:00 **Adam Williamson, INSERM, Marseille:** Non-invasive deep brain stimulation in Epilepsy using Temporal Interference
- 11.45 Lunch
- 13:00 Bus leaving for Linköping