

Linköping University Neuroscience Retreat

Vadstena castle and Vadstena klosterhotell April 24-26th

April 24th

8:30 Bus 1 and 2 leaving Campus US

9:00 Bus 1 Leaving Campus Valla/Hotel Scandic väst and Bus 2 leaving Frimurarhotellet

10:00 Arrival Vadstena klosterhotell

10:15 *Coffee and registration, Vadstena castle*

11:00 **Welcome!**

Theme 1: Central regulation of metabolism.

Chair: Markus Heilig, Linköping University

11:15 **Roger Adan**, UMC Utrecht:

How leptin talks to the dopamine system and its relevance to eating disorders

12:00 **Suzanne Dickson**, University of Gothenburg:

Neural circuit mapping of the brain's orexigenic systems

13:00 *Lunch at Vadstena klosterhotell*

14:30 **Linda Engström**, University of Gothenburg:

The Dorsal Vagal Complex Mediates the Acute Central Effects of the Anti-Obesity Drug Semaglutide

15:15 **Vincent Prevot**, INSERM, Lille:

Tanycytes as hypothalamic integrators of energy metabolism

16:00 *Coffee at the castle, Check-in at Vadstena klosterhotell and Hotell Starby*

Guided tour of Vadstena Mental Asylum Museum and Märten Skinnare's House

17:00 Group 1 and 2: guided tour of Vadstena Mental Asylum Museum and Märten Skinnare's House

18:00 Group 3 and 4: guided tour of Vadstena Mental Asylum Museum and Märten Skinnare's House

19:30 *Dinner at Vadstena klosterhotell*

April 25th

7:00 *Breakfast*

8:30 **Theme 2: Insular cortex.**

Chair: Anders Blomqvist, Linköping University

8.30 **Anders Blomqvist**, Linköping University: Bud Craig: Life and legacy

9:00 **Henry Evrard**, Institute of Neuroscience, Chinese Academy of Sciences:
Functional & Comparative Neuroanatomy of Feelings: from the Body to the Brain, and Back

9.45 **Fabienne Picard**, University Hospital of Geneva:
The sentient self: a bridge between ecstatic epilepsy and anterior insula

10.30 *Coffee*

11.15 **Marc Wittmann**, Institute for Frontier Areas of Psychology and Mental Health, Freiburg:
Insular time: How the body informs us about the passage of time

12.00 **Hugo Critchley**, Brighton and Sussex Medical School, University of Sussex:
Interoception, insula, and autonomic integration relevant to the expression and treatment of psychiatric symptoms.

13:00 *Lunch at Vadstena castle*

14:00 **Poster session**

Afternoon coffee is available during the poster session.

16:00 **Scientific advisory board lecture:**

Claes Wahlestedt, University of Miami Health System

Strategies to optimize expression of individual endogenous genes/proteins in brain

17:30 **"Spring time" on the Neuroretreat - Run with us!**

Everyone who wants an energizer before dinner – join a guided running route (3.7, 6.2 or 8.4 km). Meet up 17:30 in the courtyard of the castle.

19:30 *Dinner at Vadstena castle*

April 26th

7:00 *Breakfast and check-out*

8:30 **Theme 3: Developmental neurobiology.**

Chair: Ulrika Ådén, Linköping University

8:40 **Stefan Thor**, University of Queensland:
Specification of hypothalamic sleep neurons

9:25 **Fredrik Lanner**, Karolinska Institute:
Charting early human development using embryo culture and stem cell models

10:10 *Coffee*

11:00 **Rebecca Knickmeyer**, Michigan State University:
Using global multicohort studies to determine how genetic and environmental factors influence brain development in infancy and early childhood.

11:45 **Ulrika Ådén**, Linköping University:
Critical stages in brain development. Lessons learned from children born preterm.

12:45 *Lunch at Vadstena klosterhotell*

14:00 Bus leaving for Linköping