

17th to 20th June

LUND GLYMPHATIC SYMPOSIUM

Lund, Sweden

Monday, 17th June

11-13 Registration

13-15 GS – Mechanisms

Yuki Mori: Water fluxes specific to the GS

Fengfei Ding: Sleep, sleep deprivation and the GS

Ting Du: Vascular Regulation of Glymphatic Clearance

Tomas Deierborg: Inhibition of the GS by neuroinflammation

14-15:45 Coffee Break

15:45-17 Can we affect the glymphatic system?

Tuomas Lilius: Pharmacological manipulations of the GS

Danielle Noain: GS, Sleep Drugs and Neurodegenerative Disorders

Short talk – TBC

17-19 Dinner & mingle

19-20 Keynote session



Maiken Nedergaard

"Glymphatic System: Discovery and Development of the field"

Tuesday, 18th June

9-12 Biomarkers and diagnostics

Anders Eklund: Glymphatic markers in hydrocephalus

Daniel Globisch: Metabolic markers of poor glymphatic function

Shinji Naganawa: MR imaging of the GS with IV-GBCA

(Coffee Break)

Toshiaki Taoka: DTI imaging of the GS

Short talks – TBC

12-13 Lunch

13-14:30 Short talks – TBC

14:30-15 Coffee Break

15-17 Translational aspects of the glymphatic system

Iben Lundgaard: Acute Impairment of the Glymphatic Function by amyloid beta

Jeff Iliff: Glymphatic function in Neurological Disorders

Ian Harrison: Glymphatic Clearance in Parkinson's disease – and pharmacological interventions

Humberto Mestre: Glymphatic Clearance in Stroke

17-19 Poster session

18-20 Dinner

Wednesday, 19th June

9 – 10:30 Clinical Studies of the GS

Niklas Marklund: CSF Flow & Blood Flow in Sports Injuries

Laura Lewis: Regulation of Glymphatic Function by Slow-Wave Sleep

Vesa Kiviniemi: Ultra-fast MREG MRI for Glymphatic detection in Alzheimer's disease

10:30-11 Coffee break

11 – 13 Emerging techniques to study the GS

Miltenyi biotech: Emerging technologies Industry-sponsored

Helene Benveniste: MRI imaging of the GS

Kent-Andre Mardal: Computational Modeling of Glymphatic Clearance

Anders Wåhlin: Assessment of Glymphatic Function by MRI

13 – 14 Lunch

14- 16 Poster Session

16 - 18 Clinical Studies of the GS #2

Per Kristian Eide: GS and Hydrocephalus

Geir Ringstad: GS and Dementia

Inga Koerte: GS & Perivascular Spaces in Sports-Related Concussions

Short talks - TBC

Thursday, 20th June

9 – 10:30 CSF and Barriers of the GS

Maria Lehtinen: CSF Production and Circulation

Julie Siegenthaler: Blood-Brain Barrier and Glymphatic Clearance

Edwin Monuki: 2-photon imaging of the choroid plexus

10:30-11 Coffee break & *check out from the hotel*

11 – 12 Short talks - TBC

12- 13:30 Closing session & lunch

Closing remarks: Iben Lundgaard, Jeff Iliff & Maiken Nedergaard

Awards: Best posters and short talks

Plans for future symposia

13:30 End of the conference

All speakers confirmed, talk titles subject to change

**For more information:
glymphaticsymposium.com**

**Organised by
Lundgaard Lab**