

U4Society Summer School 2019

Uppsala University invites you to the “The Ageing Brain”, the U4Society* Summer School of 2019

Location: Rudbeck Laboratory, Dag Hammarskjölds Väg 20, Uppsala, Sweden

Course dates: August 25th to 31st 2019

Program: See next page

Accommodation: Rooms are available at *Vandrarhem centralstationen*** (Hostel Central Station). The fee is covered by the course organizers. Please note that rooms accommodate 2-4 persons and are of hostel standard with shared bathrooms. Indicate when registering if you would like to stay at the hostel, and if you have a preference regarding whom you would like to share the room with.

Meals: Lunches are included in the course and will be served at site.

Registration: By e-mail to u4summerschool@uu.se until May 15 2019. Number of participants is limited to 25 and selection is based on registration date (on a first come, first served basis).



WELCOME!

* The U4Society Network is a strategic partnership between five European universities: Ghent University, the University of Göttingen, the University of Groningen, Uppsala University and the University of Tartu. The U4 Network was founded in 2008 with Uppsala, Göttingen, Groningen and Ghent as partners. Since then the network has been used for collaborations in international projects, research, education and exchange. In 2018 the network was extended with Tartu University and is now called U4Society. Within the network, “The Ageing Brain” is one of the joint research programs and each year one of the participating universities arranges a summer school on this theme.

** <http://hotellcentralstation.se/en/boenden/vandrarhem/vandrarhem-uppsala-centralstation/>

Program

August 25th	Welcome reception and Keynote lecture	
	16.00 - 17.00	Welcome reception / Round of personal presentations
	17.00 - 17.40	Jan Fagius. Our miraculous brain - robust and tender, generous and demanding
August 26th	Theme: Ageing Research	
	8.30 - 9.10	Robert Schoevers. Psychedelics for Treatment of Resistant Depression; a glow in the dark
	9.30 - 9.45	Coffee break
	9.45 - 10.25	Paul Boon. Cognitive aspects of epilepsy
	11.00 - 11.40	Dag Nyholm. Pathophysiological and clinical aspects of Parkinson's disease
	12.00 - 13.00	Lunch
	13.00 - 13.40	Lena Kilander. Brain health and independent ageing: lessons from epidemiology
14.00 - 16.30	Workshop: How to perform a dementia investigation	
August 27th	Theme: Neurodegeneration	
	8.30 - 9.10	Vilmantas Giedraitis. Genetics of neurodegeneration
	9.30 - 9.45	Coffee break
	9.45 - 10.25	Dag Sehlin. Alzheimer's disease: From gene to therapy
	11.00 - 11.40	Tiago Outeiro. The role of protein posttranslational modifications of α -synuclein
	13.00 - 16.30	Lunch and Excursion to the Skokloster Castle on the Lake of Mälaren
August 28th	Theme: CT, MRI & PET	
	8.30 - 9.10	Torsten Danfors. Molecular imaging in neurodegeneration
	9.30 - 9.45	Coffee break
	9.45 - 10.25	David Fällmar. Differential diagnoses in imaging of neurodegeneration
	11.00 - 11.40	Stina Syvänen. Development of antibody PET ligands as novel diagnostic tools for Neurodegenerative Disorders
	12.00 - 13.00	Lunch
13.00-16.30	Workshop: The use of CT, MRI and PET for research and in clinical practice	
August 29th	Theme: Protein aggregation	
	8.30 - 9.10	Michiel Hooiveld. Managing your research data
	9.30 - 9.45	Coffee break
	9.45 - 10.25	Joakim Bergström. Prions and Prionoids
	11.00 - 11.40	Martin Ingelsson. Tau
	12.00 - 13.00	Lunch
13.00 - 16.30	Student poster presentation	
August 30th	Theme: Cell and Molecular Biology in Neuroscience	
	8.30 - 9.10	Lars Nilsson. Transgenic animal models for neurodegenerative disorders
	9.30 - 9.45	Coffee break
	9.45 - 10.25	Anna Erlandsson. Cellular models of neurodegeneration
	11.00 - 11.40	Greta Hultqvist. Protein engineering of biologicals
	12.00 - 13.00	Lunch
	13.30 - 14.30	Guided tour at the Gustavianum museum
15.00 - 17.00	Francesco Latini. The hidden architecture of our mind	
August 31th	Students' day (Program TBA)	

All lectures will be followed by Questions & Discussion.