

Monday 27th January

13:00 Opening by Future Faculty

13:15 Keynote lecture: Michael Schöll (Institute of Neuroscience and Physiology)

14:00 Neuroscience session

Chairs: Luisa Klahn and Maryam Ardalan

14:00 Andrew Naylor – *The differential and temporal effects of a single or dual inflammatory insult on microglial activation states*

14:15 Stamatia Karagianni – *One modality to rule them all? Comparison of amyloid, tau, and FDG PET for the prediction of decline in different cognitive domains*

14:30 Christina Heiss – *Neurofilament light chain clearance through microglia and the implications of microglial states for biomarker interpretation*

14:45 Melis Çelik – *Unraveling the Impact of CACNA1C and Its Risk Variant on Neural Development in Bipolar Disorder*

15:00 Poster session 1, fika and sponsor exhibitions

16:00 Research session 1

Chair: Rossella Crescitelli and Bingqing He

16:00 Sara Berggren – *Frequent pain is common among 10-11-year-old children with symptoms of attention deficit hyperactivity disorder*

16:15 Daniel Schmidt/Emilio Rudbeck – *Advancing Clinical Microbiology: The Role of Bioinformatics in Data-Driven Insights and Public Health*

16:30 Lucia de Miguel Gomez – *Preconditioning scaffolds for uterus bioengineering with metalloproteinases: does it affect cytocompatibility and immunogenicity?*

16:45 Wing Ki Chan – *Perinatal exposure to Staphylococcus epidermidis as a potential factor contributing to autism later in life*

17:30 Social event at Zamenhof

| Tuesday 28th January | |
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| <p>09:00 Research session 2</p> <p>Chairs: Francesco Longo and Lina Jonsson</p> | <p>09:00 Fadi Askar – <i>Women with knee osteoarthritis: the role of progesterone in a post-menopausal age window</i></p> <p>09:15 Andreas Törnell – <i>NOX2 activity may determine disease progression in Parkinson's disease</i></p> <p>09:30 Daniel Schmitz – <i>Nallo: A Nextflow pipeline for comprehensive human long-read genome analysis</i></p> <p>09:45 Noor Hassan – <i>The role of oxytocin in the development of social preference in zebrafish</i></p> |
| 10:00 Sponsor presentation | AH Diagnostics |
| 10:30 Fika and sponsor exhibitions | |
| <p>11:00 Cancer session 1</p> <p>Chair: Elin Bernson and Reshed Abohlaka</p> | <p>11:00 Ella Äng Eklund – <i>Equalizing prognostic disparities in KRAS-mutated stage III NSCLC patients: addition of durvalumab to combined chemoradiotherapy improves survival</i></p> <p>11:15 Lijuan Yu – <i>Prostate cancer extracellular vesicles delivered miRNAs may intelligently regulate bone metastasis</i></p> <p>11:30 Kerryn Elliott – <i>Mechanistic basis of atypical TERT promoter mutations</i></p> |
| 11:45 Research Support Office | |
| 11:50 Poster session 2, lunch and sponsor exhibitions | |
| 13:15 Keynote lecture: Jenny Nyström (Dean at Sahlgrenska Academy) | |
| <p>14:00 Cancer session 2</p> <p>Chairs: Kerryn Elliott and Martina Sundqvist</p> | <p>14:00 Sanchari Paul – <i>Targeting murine metastatic cancers with adjuvanted cancer antigen vaccines</i></p> <p>14:15 Mustafa Kaya – <i>NRF2 Signaling in EMT and Macrophage Polarization</i></p> |
| 14:30 Fika and sponsor exhibitions | |
| 15:00 Sponsor presentation | BD |
| 15:30 Prize ceremony and closing | |