

## Sahlgrenska Academy Junior Researcher Symposium 2026

<b>Tuesday 27<sup>th</sup> January</b>	
<b>13:00 Opening</b> by Future Faculty and the Dean of Sahlgrenska Academy, Professor Jenny Nyström	
<b>13:15 Keynote</b> lecture: <b>Professor Suzanne Dickson</b>	
<b>14:00 Session 1</b>  Chairs: Kerryn Elliott, Christina Heiss	<b>14:00 Andreas Göteson</b> – <i>Toward molecular staging of schizophrenia and bipolar disorder using cerebrospinal fluid proteomics</i>  <b>14:15 Laia Montoliu-Gaya</b> – <i>P-tau205 is a biomarker linked to tau-PET abnormality: A cross-sectional and longitudinal study</i>
<b>14:30</b> Research support office, FIK and GU Ventures	
<b>14:40</b> Fika, networking and sponsor exhibitions	
<b>15:10 Session 2</b>  Chairs: Abi Ghifari, Caitlyn Myers	<b>15:10 Ajay Pradhan</b> – <i>Enzymatic electrochemical biosensors reveal fusion pore dynamics of glutamatergic synaptic vesicles in hiPSC-derived neurons</i>  <b>15:25 Caitlyn Myers</b> – <i>Peripheral inflammaging drives neurodegeneration via extracellular vesicles</i>  <b>15:40 Vibha Gupta</b> – <i>Improving Equity in ECG-Based MI Detection Using Age-Aware Deep Learning</i>  <b>15:55 Neha Kanduri</b> – <i>Spermidine supplementation reprograms cardiac proteostasis in human iPSC-CMs and aged C57BL/6J mice</i>
<b>16:10</b>	Sponsor presentation: Miltenyi
<b>16:30</b>	Poster session 1
<b>17:15 – 19:00 Social</b> networking event at the conference venue	

<b>Wednesday 28<sup>th</sup> January</b>	
<b>09:00 Session 3</b>  Chairs: Roshan Vaid, Mustafa Kaya	<b>09:00 Nuttida Issdisai</b> – <i>NOX2 inhibition enhances NK cell function and restrains distant metastasis in murine pancreatic ductal adenocarcinoma</i>

	<p><b>09:15 Tomás Gómez Vecchio</b> – <i>Healthcare professionals’ perspectives on improving quality of care for patients with malignant glioma and their informal caregivers</i></p> <p><b>09:30 Elin Hilpold Berntsson</b> – <i>An scRNA-seq analysis workflow to characterize WNT-modulated mesodermal and hematopoietic trajectories in human gastruloids</i></p> <p><b>09:45 Kerryn Elliott</b> – <i>UV-mutational signal metrics as predictors of melanoma specific survival</i></p>
<b>10:00</b>	Sahlgrenska Academy International Office and Core Facilities
<b>10:30 Fika</b> and sponsor exhibitions	
<p><b>11:00 Session 4</b></p> <p>Chairs: Anna Linder, Luisa Klahn</p>	<p><b>11:00 Tanmoy Dutta</b> – <i>Di-lineage liver organoids from human donors recapitulate steatotic liver disease</i></p> <p><b>11:15 Sofia Hammarstrand</b> – <i>Associations between high serum levels of perfluoroalkyl substances (PFAS) and reproductive hormones in children and adolescents, a Swedish cohort study</i></p> <p><b>11:30 Melania Aluia</b> – <i>Jejunal Anti-Incretin Pathway in Diet-Induced Diabetes: GLP-1–Targeted Therapies to Mimic Gastric Bypass</i></p> <p><b>11:45 Julia Wängberg Nordborg</b> – <i>Endo-SOFT: Study Protocol for a National Multicenter Randomized Controlled Trial: First-Line Surgery vs. First-Line Assisted Reproductive Technologies in Patients with Advanced Endometriosis</i></p>
<b>12:00 Lunch</b> , networking and sponsor exhibitions	
<b>12:45 Keynote</b> lecture: <b>Professor Fredrik Bäckhed</b>	
<b>13:45 Poster</b> Session 2	
<p><b>14:45 Session 5</b></p> <p>Chairs: Erna Islamagic, Elzbieta Rembeza</p>	<p><b>14:45 Adhara Gaminde-Blasco</b> – <i>Modeling neuronal hyperexcitability with PTZ reveals microglial activation and impaired microglia–oligodendrocyte interactions in zebrafish larvae</i></p> <p><b>15:00 Lenka Nováková</b> – <i>Patients experiencing early PIRA show signs of disturbed remyelination</i></p> <p><b>15:15 Neele Levin &amp; Ghadah Al-Wassiti</b> – <i>Unmasking C5aDesArg as a Functional Mediator of Human Neutrophil Activation</i></p> <p><b>15:30 Jordan Popovic</b> – <i>Comparative Proteomics Reveal Eosinophilic Protein Enrichment in CD177<sup>pos</sup> Neutrophils</i></p>
<b>15:45</b> Prize ceremony and closing remarks	