

Thursday, Nov 21st

07:30–08:15	Registration
08:15–08:25	<p>WELCOME!</p> <p>KI XX, NN</p> <p>Karolinska University Hospital Director for Research, Education and Innovation, Olof Akre Dean KI South Matti Sällberg and Site Director Huddinge, Karolinska University Hospital Huddinge, Annika Bergquist (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)</p>

*Jan-Åke Gustafsson lecture hall**Erna Möller lecture hall**Gene lecture hall*

08:30–9:15	Tissue Immunology Chair: Laura Palma Medina Co-chair: Magda Lourda		Innovation and technology Chair: Torkel Brismar Co-chair: Therese Djärv		Health vs Oral Health – The connection? Chair: Abhishek Kumar Co-chair: Ann Langius-Eklöf
08:30	Marcus Buggert: iHOPE and relevance for the clinic		Andreas Claesson: Drones in out-of-hospital cardiac arrest – a novel life saving treatment methodology		Bodil Lund: Oral infections and influence on sepsis
08:40	Helen Kaibe: Tissue-resident T cells in pancreatic cancer		Karin Dembrove: Artificial intelligence for breast cancer detection in screening mammography		Gerd Faxén-Irving: Nutrition and oral health
08:50	Mattias Carlsten: Redirecting NK cell homing to the bone marrow to improve the treat efficacy of myeloid leukemia		Gustaf Ahlén: The pre-GMP facility at KI South: How do I get my product into the clinic?		Mats Trulsson: Chewing impairment and the influence on brain function
09:00	Questions and discussion		Questions and discussion		Questions and discussion
9:15–10:00	Implementation of AI in care – risks and opportunities Chair: Filip Christiansen Co-chair: Mikael Norman		Cellmigration and metastasis in cancer Chair: Sara Windahl Co-chair: Jonas Fuxe		Senescence across ages Chair: Ylva Ambrusiani Co-chair: Peter Stenvinkel
09:15	Elisabeth Epstein: Implementing Computer Aided Diagnostic support for ultrasound assessment of ovarian tumours		Jenny Engstrand: Metastasis to the liver – a clinical perspective		Kajsa Bohlin: Neonatal stress and aging
09:25	Johan Hartman: Stratipath (Onk-Pat) – implementing AI-based diagnostic support for Oncology		Marco Gerling: Decoding the capsule: a new perspective on liver metastasis and patient survival		Federico Pietrocola: Can we reverse aging?
09:35	Emma Svennberg (MedH): AI in detecting atrial fibrillation		Sara Schmidt: Antioxidants and metastasis		Gabriel Oniscu: Targeting senescence at organ level
09:45	Questions and discussion		Questions and discussion		Questions and discussion
10:00–10:30	Coffee, poster and core facility exhibition				
10:30–11:15	Clinical challenges and new therapies in hematological diseases Chair: Arnika Wagner Co-chair: Oscar Wiklander		How to obtain top grants: lessons learnt from recent grant awardees Chair: Vanessa Lundin Co-chair: Maria Eriksson		Centre for Bioinformatics and Biostatistics – Educational program Chairs: Carsten Daub & Hannes Hagström
10:30	Mikael Sundin: New therapies in hematological diseases		Paulina Damdimopoulou: ERC Consolidator Grant 2023		Carsten Daub & Michael Ingre: Why use CBB for your needs in bioinformatics and biostatistics
10:40	Yenan Bryceson: Diagnosing uncommon genetic mutations in hematological diseases		Jenny Mjösberg: VR Consolidator Grant 2019	10:35	Laura Vossen Engblom: How to avoid an angry statistician and save money - the importance of a structured analysis plan before starting your project
10:50	Stephan Mielke: Advancements in CAR-T cell therapy		Samir El Andaloussi: Novo Nordisk Distinguished Innovator grant		
11:00	Questions and discussion		Questions and discussion	10:55	Michael Ingre: Do and don't:s - what is a power calculation and how do I do it?
11:15–12:00	The new survivors – long term outcomes when growing up after severe disease Chair: Milan Chromek Co-chair: Afrodite Psaros Einberg		Basic and clinical aspects of diabetes and complications Chair: Rongrong Fan Co-chair: Daniel Andersson		How can physical activity prevent and treat symptoms of severe illness? Chair: Ulrica Nilsson Co-chair: Sofia Vikström
11:15	Mikael Norman: Prediction and prospects after preterm birth		Alastair Kerr: Adipocyte-derived non-coding RNAs in diabetes		Ann-Helen Patomella: Physical and everyday activities to prevent stroke- an intervention study
11:25	Katarina Grossman: Long term outcome after hypothermia-treated birth asphyxia		Cecilia Morgantini: Immunological response of diabetic patients with chronic foot ulcers		Elisabeth Rydwick: Physical activity and exercise for frail older people
11:35	Jeanette Winterling: Innovations for teens and young adults surviving cancer		Ping Chen: Role of immune cells and RNA splicing-centric transcriptional regulation in diabetes progression		Cecilia Haddad Ringborg: Minimizing side effects after treatment for cancer - Exercise oncology
11:45	Questions and discussion		Questions and discussion		Questions and discussion
12:00–13:10	Lunch, poster and core facility exhibition				
13:10–13:55	Inflammation and neurodegenerative diseases (Alzheimer's) Chair: Sumonto Mitra Co-chair: Charlotte Ytterberg		Regeneration and repair – how hard can it be? Chair: Shivam Chandel Co-chair: Rachael Sugars		Future of Flemingsberg - centers of excellence Chair: Annika Tibell Co-chair: Maria Eriksson

13:10	Marianne Schultzberg: Inflammation and its resolution		Fredrik Lanner: Cells as a conduit for tissue and organ repair		Johnny Högberg: Future of Flemingsberg
13:20	Sverker Johansson: Balance training intervention in people with MS		Sara Windahl: Enhancement of bone formation and the impact of drugs		Matti Sällberg: ATMP center Karolinska
13:30	Ellen Iacobaeus: Mesenchymal stromal cells and Multiple Sclerosis- clinical and experimental studies		Georgios Tsilingaridis: Pulp revitalisation for regeneration and repair of the tooth		Petter Woll: MedH FACS Facility: combining cellular fluorescence and sort-capable imaging
13:40	Questions and discussion		Questions and discussion		Questions and discussion

14:00–15:00
Keynote lecture "My failures as a researcher" with Jonas Ludvigsson
 Chairs: Matti Sällberg and Annika Bergquist
 (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)

15:00–15:40
Coffee, poster and core facility exhibition

15:40–16:50	Oral presentations (Jan-Åke Gustafsson lecture hall) Chairs: Janne Johansson Co-chair: Elisabeth Epstein		Oral presentations (Erna Möller lecture hall) Chairs: Petter Höglund Co-chair: Jacob Hollenberg		Oral presentations (Gene lecture hall) Chairs: Maria Ankarcrona Co-chair: Anders Mutvei
15:40	OP		OP		OP
15:50	OP		OP		OP
16:00	OP		OP		OP
16:10	OP		OP		OP
16:20	OP		OP		OP
16:30	OP		OP		OP
16:40	OP		OP		OP

17:00 →
Mingle, music, poster and core facility exhibition
 Music: Stockholms Musikpedagogiska Institut (SMI), Campus Flemingsberg

Friday, Nov 22nd					
	<i>Jan-Åke Gustafsson lecture hall</i>		<i>Erna Möller lecture hall</i>		<i>Gene lecture hall</i>
08:30–9:15	The microbiome in infection, protection and antibiotic treatment Chair: Anna Norrby-Teglund Co-Chair: Ainhoa Garcia Serrano		Oligonucleotide therapy Chair: Joel Nordin Co-Chair: Joakim Dillner		Teaching and science in collaboration Chair: Charlotte Leanderson Co-chair: Agneta Månsson-Broberg
08:30	Piotr Novak: The role of microbiome in chronic infections		Rula Zain: From Nucleic acid modalities to advanced therapeutics and medical products (ATMP)		Irene Sterpu: TBL in clinical disciplines (15 min)
08:40	Nagihan Bostanci: Oral Microbiome and Immunity at the Forefront of Precision Care		Tea Umek: Oligonucleotide therapeutics in tandem-repeat diseases	08:45	Jonas Nordquist: From PBL to TBL (15 min)
08:50	Viveka Nordberg: New strategies to identify virulent and multidrug-resistant bacteria in neonates in low-resource settings		Yang Liu / Maria Morello: Gene editing in sickle cell disease	09:00	Questions and discussion (15 min)
09:00	Questions and discussion		Questions and discussion		
9:15–9:55	Oral presentations (Jan-Åke Gustafsson lecture hall) Chair: Jonas Fuxe Co-chair: Kajsa Bohlin		Oral presentations (Erna Möller lecture hall) Chair: Lars Henningsohn Co-chair: Nicole Marquardt		Oral presentations (Gene lecture hall) Chair: Erik Melén Co-chair: Ewa Stenwall
09:15	OP		OP		OP
09:25	OP		OP		OP
09:35	OP		OP		OP
09:45	OP		OP		OP
10:00–10:30	Coffee, poster and core facility exhibition				
10:30–11:30	Keynote lecture: "Challenges in collaboration" with Annika R Malmberg Chairs: Matti Sällberg and Annika Bergquist (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)				

11:30	Preparedness for future pandemics Chair: Christian Molnar Co-chair: Sara Gredmark-Russ		Clinical application of tracing methods to understand disease Chair: Daniel Ferreira Co-chair: Lars-Olof Wahlund		Translating AI research results into the clinic Chair: Co-chair:
11:30	Annika Karlsson: Current approaches at ANA Futura to prepare for future pandemics		Uwe Tietge: Metabolomics in clinical chemistry		
11:40	Hans-Gustaf Ljunggren: What did we learn from COVID-19 for future pandemics?		Eric Westman: Neuroimaging biomarkers in Alzheimer's disease		
11:50	Maria Cronhjort: COVID-19 pandemic - critically ill patients treatment and risk of thromboembolic manifestations		Olav Rooijackers: Stable isotope tracing and its clinical applications		
12:00	Questions and discussion		Questions and discussion		
12:15 - 12:30	Research Awards & Closing remarks Annika Bergquist, CIMED Director, Prof., MD. MedH, Karolinska University Hospital Huddinge and Matti Sällberg, Dean KI South (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)				

