

Thursday, Nov 21 st					
07:30–08:15	Registration				
	WELCOME! KI XX, NN				
08.15–08.25	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)				
Jan-Åke Gustafsson lecture hall		Erna Möller lecture hall		Gene lecture hall	
08:30–9:15	Tissue Immunology Chair: Laura Palma Medina Co-chair: Andreas Lundqvist		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	Dhifaf Sarhan: Immunopathology in solid tumors		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 Eriksdotter		Centre for Bioinformatics and Biostatstistics – Educational program Chairs: Carsten Daub & Hannes Hagström
10:30	Mikael Sundin: New therapies in hematological diseases		Pauliina 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 Rydwik: 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: Erika Franzén		Regeneration and repair – how hard can it be? Chair: Shivam Chandel Co-chair: Rachel Sugars		Future of Flemingsberg - centers of excellence Chair: Annika Tibell Co-chair: Maria Eriksdotter
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	<div>Keynote lecture "My failures as a researcher" with Jonas Ludvigsson</div> <div>Chairs: Matti Sällberg and Annika Bergquist</div> <div>(Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)</div>				
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: Rachel Sugars		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 →	<div>Mingle, music, poster and core facility exhibition</div> <div>Music: Stockholms Musikpedagogiska Institut (SMI), Campus Flemingsberg</div>				

Friday, Nov 22 nd					
	<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: Ainhua 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		
9:15–09:55	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	<div>Keynote lecture: "Challenges in collaboration" with Annika R Malmberg</div> <div>Chairs: Matti Sällberg and Annika Bergquist</div> <div>(Jan–Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)</div>				
11:30	<div>Preparedness for future pandemics</div> <div>Chair:</div> <div>Co–chair: Sara Gredmark–Russ</div>		<div>Clinical application of tracing methods to understand disease</div> <div>Chair: Daniel Ferreira</div> <div>Co–chair: Lars–Olof Wahlund</div>		
11:30	<div>Annika Karlsson: Current approaches at ANA Futura to prepare for future pandemics</div>		<div>Uwe Tietge: Metabolomics in clinical chemistry</div>		
11:40	<div>Hans-Gustaf Ljunggren: What did we learn from COVID-19 for future pandemics?</div>		<div>Eric Westman: Neuroimaging biomarkers in Alzheimer's disease</div>		
11:50	<div>Maria Cronhjort: COVID-19 pandemic - critically ill patients treatment and risk of thromboembolic manifestations</div>		<div>Olav Rooijackers: Stable isotope tracing and its clinical applications</div>		
12:00	<div>Questions and discussion</div>		<div>Questions and discussion</div>		
12:15 – 12:30	<div>Research Awards & Closing remarks</div> <div>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)</div>				



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