Thursday, Nov 12th

07:15–08:00	Registration				
08.00–08.15	WELCOME! KI President, Annika Östman Wernerson, KI South Campus Vice President, Matti Sällberg Karolinska University Hospital Director for Research, Education and Innovation, Olof Akre 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**
08:15–09:00	Beyond the pandemic: Fresh insights, new perspectives Chair: Mahin Ghorbani Co-chair: Hans-Gustaf Ljunggren		Heart matters: Innovation, insights and impact Chair: Frieder Braunschweig Co-chair: Karolina Elizabeth Szummer		Single-cell technologies at SICOF: From Platform to Discovery Chair: Eduardo Linck Guimaraes Co-chair: Michael Vanlandewijck
08:15	**Laszlo Szekely:** Lessons from autopsies: What have we learned from COVID-19 victims		**Gianluigi Savarese**: Unmet needs in heart failure		**Christer Betsholtz:** Presentation of SICOF - A core facility for single cell sequencing technology
08:25	**Anja Winter:** Long-term olfactory disorders in COVID-19 affected healthcare workers		**Ida Haugen Löfman**: Heart transplantation - Clinical course and biomarker research		**Dhifaf Sarhan:** Single-cell analysis of ovarian tumour-infiltrating natural killer cells
08:35	**Yu Gao:** T cell immunity against viral infection: From COVID to Long COVID		**Faisal Zaman**: Innovating cardiac technology - lessons from Realheart		**Giuseppe Mocci:** Single cell characterization of atherosclerosis
08:45-08:55	Questions and discussion		Questions and discussion		Questions and discussion
09:00-09:45	Obesity interventions: What works best for cardiovascular health? Chair: Ellen Vercalsteren Co-chair: Sanna Hagelberg-Eng		From vision to practice: Making clinical trials work Chair: Jacob Hollenberg Co-chair: Erik Melén		CBB: From data to discovery - modern methods that change research Chair: Ghada Nouairia Co-chair: Ying Shang
09:00	**Ioannis Ioakeimidis:** Real world-data and public health interventions for healthier eating habits targeting children's populations		**Jonas Oldgren:** Clinical studies and trials in Sweden - Where are we and where do we want to be?		**Davide Valentini:** LLMs in research - hype, help or hazard?
09:10	**Vladimer Darsalia:** From diet to drugs to the operating room: Ranking obesity interventions by cardiovascular payoff		**Joakim Dillner:** HPV vaccination and screening for elimination of HPV and cervical cancer		**Nils Hentati Isacsson:** Predictive research: Promises and pitfalls of AI methods
09:20	**Ylva Trolle Lagerros:** Obesity management - what is the best method - lifestyle changes, bariatric surgery or pharmacological treatment?		**Sophia Brismar Wendel:** How to start? Experience from the Aortic Compression Trial (ACT)		**Henrike Häbel:** Why modern research needs modern statistics
09:30-09:40	Questions and discussion		Questions and discussion		Questions and discussion
9:45-10:15	Coffee and posters				
10:15-11:00	AI opportunities and threats Chair: Fernando Seoane Co-chair: Isil Takan		Innovations in gene and cell therapy Chair: Jens Magnusson Co-chair: Franziska Olm		Partnering with patients and the public in research Chair: Anna Jervaeus Co-chair: Lisette Farias Vera
10:15	**Magnus Boman**: What is AI within health?		**Joel Nordin**: Gene delivery using extracellular vesicles (Evs) and viruses		**Cristin Lind**: How can patients contribute to research? Perspectives on meaningful patient involvement
10:25	**Elisabeth Epstein**: Image analysis of ovarian cancers and the use of AI		**Anders Kvanta**: Making the blind see		**Susanne Guidetti**: Integrating patient voices in research - A researcher's perspective
10:35	**Sebastiaan Meijer**: How do we get the right care to the right patient at the right time and place, with the right resources and information?		**Evren Alici**: Engineer NK cell therapy		**Jonas Oldgren**: Why patient involvement matters - A funder's perspective
10:45-10:55	Questions and discussion		Questions and discussion		Questions and discussion
11:00-11:45	How to obtain research funding and top grants - lessons learnt from recent grant awardees Chair: Rongrong Fan Co-chair: Magnus Nilsson		Advances in liquid cancer biomarkers Chair: Samir El Andaloussi Co-chair: Mark Zupancic		New approaches for secondary prevention Chair: Tobias Holmlund Co-chair: Ann-Helen Patomella
11:00	**KI Development Office, Helen Järrsten Krut & Sophie de Geer** : Donations for research		**Oscar Wiklander**: Extracellular vesicles for liquid biopsy and cancer therapy		**Marie Löf**: Multilingual mobile health interventions to support healthy diet and physical activity
11:10	**Marcus Buggert**: Lessons learnt and my personal experience		**Daniel Hagey**: Novel methods for cheap and easy liquid biopsies in hard-to-treat cancers		**Charlotte Ytterberg**: Fewer falls in MS, a self-management fall-prevention programme
11:20	**Eric Westman**: Lessons learnt and my personal experience		**Emma Tham**: ctDNA-focused liquid biopsies - How long until the clinical revolution?		**Malin Nygren Bonnier**: Individual tailored interventions in post COVID-19 condition
11:30-11:40	Questions and discussion		Questions and discussion		Questions and discussion
11:45-12:30	Lunch				
12:30-13:15	Guided poster tour and core facility exhibition				
13:15-14:00	Predictive models in clinical practice: When are they ready? Chair: Josefin Nilsson Co-chair: Magnus Boman		BEA: Enabling cutting-edge research through bioinformatics Chair: Ronaldo Lira Junior Co-chair: Johan Sandberg		Driving impact through education Chair: Joakim Körner Gustafsson Co-chair: Anders Sondén
13:15	**Axel Carlsson**: Using machine learning as a predictive tool in primary healthcare		**Fredrik Fagerström Billai**: Presentation of the core facility BEA		**Lars Henningsohn**: Education as the engine - quality, culture, capability
13:25	**Yunyang Deng**: Maximising prediction in cervical cancer screening		**Pedro Moura**: Splicing dynamics at single-cell resolution through hybrid 10X-Nanopore sequencing		**Malin Sellberg**: Supervision matters - Supporting students to succeed
13:35	**Philip Lindner**: Digital tools for stress management: use, effectiveness and implementation		**Karl Ekwall**: Epigenome changes in cellular quiescence – ideas for novel cancer therapies		**Anna Pettersson**: Portfolio - a tool for student centered and lifelong learning
13:45-13:55	Questions and discussion		Questions and discussion		Questions and discussion
14:00-15:00	Keynote lecture Per Naroskin: "Seriously, how funny can it be? - the use and misuse of humor in workplace" 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	Selected Oral Presentations OP 01-OP 07 (Jan-Åke Gustafsson lecture hall) Chair: Michal Jacek Sobkowiak Co-chair: Bodil Lund		Selected Oral Presentations OP 08-OP 14 (Erna Möller lecture hall) Chair: Fredrik Lanner Co-chair: Maria Ankarcrona		Selected Oral Presentations OP 15-OP 21 (Gene lecture hall) Chair: Soo Aleman Co-chair: Lars Henningsohn
15:40	OP 01 - **Oskar Gustafsson**: Endopore**:** Delivering Genome-Editing Proteins into Cells Using Bacterial Pore-Forming Toxins		OP 08 - **Eirik Blakstad**: Incident statin use and cognitive outcomes in Alzheimer's disease: a multi-cohort target trial emulation		OP 15 - **Yiming Ma:** Diet quality and transitions across health states in old age
15:50	OP 02 - **Antonin Marquant:** A Gene Therapy Platform for in situ Brain Secretion of Engineered Extracellular Vesicles to Treat Glucocerebrosidase-related Diseases		OP 09 - **Buse Esra Mercan:** Mapping Neuroinflammatory and Synaptic Landscapes across Alzheimer's Disease and Related Dementias with Novel Imaging Biomarkers		OP 16 - **Philip Leissner:** The effect of ICBT on healthcare utilization after MINOCA or Takotsubo syndrome, and its association with mental health and quality of life one year after the event
16:00	OP 03 - **Michaela Mochánová:** Targeted lipid nanoparticle-mediated in vivo reprogramming of CD8 T cells for antiviral immunotherapy against hepatitis C virus		OP 10 - **Ana Alonso Hellweg:** Residential PM2.5 exposure and blood biomarkers predictive of dementia risk		OP 17 - **Suhail Muzaiek:** Digital Support for Preventing Frailty in Older Prefrail Adults
16:10	OP 04 - **Guannan Zhou:** Efficient delivery of gene editors using intein-engineered virus-like particles		OP 11 - **Tanmayee Samantaray:** Brain Glucose Metabolism for Staging Disease Progression in Dementia with Lewy Bodies		OP 18 - **Rashiq Al Tariq:** Determining and characterizing resilience phenotypes in old age using trajectories of biological brain age and cognition
16:20	OP 05 - **Cloé Moëlo:** BRICHOS-mediated brain delivery of antibodies: A modular approach for β-amyloid therapeutics		OP 12 - **Cen Chen:** Biomarker-informed differences in treatment-associated cognitive decline in dementia with Lewy bodies		OP 19 - **Alara Abaci:** Motivation, intentions and perspectives on lifestyle change for dementia risk reduction among memory clinic patients without dementia
16:30	OP 06 - **Guoxiang Xie:** Chromatin features at CTCF and cohesin binding sites link genome organization to drug sensitivity in acute myeloid leukemia		OP 13 - **Emma Wiechmann:** Mapping the differential role of automated cerebral small vessel disease markers across cognitive spectrum		OP 20 - **Clare Tazzeo:** Evolving eldercare in older Swedish adults: Nationwide trends in home care utilization and care home residency from 2013 to 2022
16:40	OP 07 - **Martin Cornillet:** Multi-omic dissection of human liver regeneration reveals immune, metabolic and regulatory determinants of regenerative fitness		OP 14 - **Xinqi Bao**: Early Cognitive Risk Identification from Routine Sleep Studies Across Clinical Sites		OP 21 - **Francesca Mangialasche:** Multidomain lifestyle interventions to reduce the risk of cognitive impairment and dementia: a systematic review and meta-analysis.
17:00 →	Mingle, music, and posters Music: Stockholms Musikpedagogiska Institut (SMI), Campus Flemingsberg				

Friday, Nov 13th

	Jan-Åke Gustafsson lecture hall		Erna Möller lecture hall		Gene lecture hall
08:30-09:15	Meet the new recruits at KI Flemingsberg Chair: Matti Sällberg Co-Chair: Susanna Brighenti		Innovative translational surgery and oncology Chair: Ernesto Sparrelid Co-Chair: Maximilian Möller		TraCeDem: the KI transdisciplinary research center for personalized dementia prevention and care Chair: Alexandre Bonnard Co-Chair: Åsa Hedberg Rundgren
08:30	**Antonino Cassotta**: Discovery of epitopes an receptors by clonal analysis of antigen-specific human T cells		**Magnus Nilsson**: Intraperitoneal treatment in gastric cancer		**Amaia Calderon-Larrañaga**: Developing an interdisciplinary research center for personalized dementia care
08:40	**Michelle Chew**: Protecting the fragile circulation: Where physiology meets collaboration		**Hannes Jansson**: Multimodal diagnostics and therapy in rare biliary cancers		**Giulia Grande**: Epidemiology and prevention of dementia
08:50	**Mauricio Sousa**: Microbes, Immunity, and Cancer: Modeling Oral Disease on a Chip		**Caroline Nordenvall**: From inflammation to cancer: Translational research on a broad spectrum of colonic disease		**Dorota Religa**: Health and dental care needs and provision
09:00-09:10	Questions and discussion		Questions and discussion		Questions and discussion
09:15-10:00	Selected oral presentations OP 22-OP 25 (Jan-Åke Gustafsson lecture hall) Chair: Marco Gerling Co-chair: Jonas Fuxe		Selected oral presentations OP 26-OP 29 (Erna Möller lecture hall) Chair: Vladimer Darsalia Co-chair: Petter Höglund		Selected oral presentations OP 30-OP 33 (Gene lecture hall) Chair: Helene Rundqvist Co-chair: Erik Melén
09:15	OP 22 - **Mònica Ortega Llobet:** Effect of age at Human Papillomavirus vaccination on incidence and persistence of vaccine-targeted HPV types		OP 26 - **Rajan Paudel:** Predicting 10-year risk of cirrhosis in patients with type 2 diabetes: update and external validation of the CORE score		OP 30 - **Hanna Salim:** Associations between commonly used drugs and screen-detected colorectal neoplasia: a Swedish population-based cohort study
09:25	OP 23 - **Mattie Salim:** AI-Guided Supplemental MRI in Breast Cancer Screening: The Randomized ScreenTrustMRI Trial		OP 27 - **Merle Roeren:** Routine markers for monitoring liver stiffness in patients with MASLD and low-risk fibrosis		OP 31 - **Mira Akber:** The Microbiome–Immune Axis in Tuberculosis: Linking Dysbiosis, Persistent Neutrophil Activation, and Systemic Inflammation in Drug-Resistant Disease
09:35	OP 24 - **Ainhoa Garcia-Serrano:** Artificial intelligence for individualized cancer risk prediction in cervical screening		OP 28 - **Marie Evans:** Normoalbuminuria and Its Dynamic Trajectories: Associations With Adverse Outcomes in CKD		OP 32 - **Carina Fei:** Periodontal health and salivary microbiota in treatment-naïve and established rheumatoid arthritis
09:45	OP 25 - **Hanna Vikman:** Bridging the Gap Between Cancer Registry Data and Clinical Insight: An Interactive Demonstrator		OP 29 - **Darius Barimani:** Sociodemographic Disparities in Access to Liver Transplantation in Sweden		OP 33 - **Sabrina Svedjevik:** Clinical and Diagnostic Management of Oral Chronic Graft-Versus-Host Disease
10:00-10:30	Coffee and posters				
10:30-11:30	Keynote lecture Gabriel Oniscu: "Transplantation - past, current and future" Chairs: Matti Sällberg and Annika Bergquist (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)				
11:30-12:15	Innovation highlights at Flemingsberg Chair: Lars Frelin Co-chair: Margaret Sällberg Chen		Frontiers in precision cancer medicine Chair: Rimma Axelsson Co-Chair: Maximilian Kordes		Oral health, lifestyle and systemic health across the lifespan Chair: Giancarlo de la Torre Canales Co-Chair: Panos Papapanou
11:30	**Gustaf Ahlén**: Turning discovery into a vaccine: The road to clinical testing		**Rimma Axelsson**: Building precision cancer medicine through theranostics-driven clinical trials		**Malin Ernberg**: Lifestyle influences of orofacial pain and function
11:40	**Ali Mirazimi**: Collaborative vaccine development across Europe		**Hannes Olausson**: Clinical cancer genomics - From ambition to implementation		**Nagihan Bostanci**: Oral microbiome and host-microbe interactions
11:50	**Per Ljungman**: Experiences from first-in-human vaccine trials at Karolinska University Hospital Huddinge		**Päivi Östling**: Precision cancer medicine - a research and infrastructure perspective		**Adrián Carballo-Casla**: Dietary factors influencing healthy ageing
12:00-12:10	Questions and discussion		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, KI South Campus Vice President (Jan-Åke Gustafsson, Erna Möller, DNA and Gene lecture hall)				

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