

Focus on early detection of cancer

May 12th, 2021, 9.00-16.15 Digital meeting

Programme

08.20 – 09.00 *Future Faculty pre-session – for young researchers with a PhD*

09.00 – 09.10 Welcome by Sophia Zackrisson, LUCC Coordinator

LUCC 12 translational strategic networks (diagnosis, technology, or process-oriented)
<https://www.lucc.lu.se/internal/research/strategic-networks>

Chair Sophia Zackrisson

09.10 – 10.10 **1 Breast**
Kristina Lång *“AI-integrated mammography screening - a randomized trial”*

2 Blood, lymphoma & myeloma
Lavanya Lokhande *“Risk predictions using longitudinal profiling of serum proteins in relapsed mantle cell lymphoma”*
Maciej Ciesla *“Oncogenic-driven SF3B1 translation directs genomic integrity and leukemia progression in MDS”*

3 Pediatric malignancies
Elina Fredlund *“Progenitor cell-specific MOXD1 has tumor suppressive functions in neuroblastoma”*
Helena Linge *“Health informatics as a contributor to early detection of second malignant neoplasms”*

Information Sophia Zackrisson

10.10 – 10.50 **Coffee break with breakout rooms**

A. *“Oncology Clinical Trial Unit - How to start a clinical trial”* **Ana Carneiro**

B. *“Career grants for early career scientists”*
(starting/postdocs) **Alexander Pietras**

C. *“SpatialOMICS@LU”* **Sara Ek**

Chair Helena Persson

10.50 – 11.50 4 Kidney, bladder & urinary tract and prostate
Evangelia Sereti *“NOV202 plus Olaparib: A promising new drug combination for advanced BRCA1/2 mutated prostate cancer”*

5 Brain, spinal cord & pituitary
Pia Sundgren *“CEST imaging for pre-surgical brain tumor diagnosis”*

6 Skin
Kari Nielsen & Katja Harbst *“Translational research in primary melanoma - from clinic to the lab”*

11.50 – 12.35 Lunch

Chair Kristian Pietras

12.35 – 13.35 **Keynote lecture**

Prof. Rebecca Fitzgerald, Professor of
Cancer Prevention, MRC Cancer Unit,
University of Cambridge, UK

“Advancing early detection research towards the clinic”

Chair Kristian Pietras

13.35 – 14.35

7 Lung and head & neck

Deniz Bölükbas *“Organ-Restricted Vascular Delivery of Nanoparticles for Lung Cancer Therapy”*.

8 Gastrointestinal

Axel Bengtsson *“Early detection of pancreatic cancer”*

Rebecca Svensson Neufert *“Aspects on rectal washout in rectal cancer”*

9 Omics, bioinformatics and diagnostics

Laura Martin de la Fuente *“A DNA-based diagnostic test for early detection of high-grade serous ovarian carcinoma”*

Introduction Kristian Pietras

14.35 – 15.15

Coffee break with breakout rooms

A. *“Innovation in cancer research”* **Cecilia Jädert**

B. *“CTG with single cell sequencing”* **Julia Bräunig**

C. *“Science communication”* **Emma Hammarlund**

Chair Mats Jerkeman

15.15 – 16.15

10 Imaging & nuclear medicine/radiology

Erik Thimansson *“Can AI assist in prostate MRI?”*

Deepak Raina *“Targeting osteosarcomas from the inside”*

11 Immunology, tumour microenvironment & metastasis

Joana de Matos Rodrigues *“The prognostic impact of the TME composition in Mantle Cell Lymphoma”*.

12 Clinical trials & drug development

Adalsteinn Gunnlaugsson *“PROPER – a clinical trial”*

Final remarks Sophia Zackrisson

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