LiU Cancer Retreat
Programme
Vadstena Klosterhotel, 16-17 Oct 2023

Monday October 16th

09:00   Registration and Coffee

09:30   Introduction

Keynote lectures and short research presentations including an overview of the research and techniques at LiU/RÖ

Meeting will be held in **Slottsflygeln.**

09:40	**Keynote lecture:** Design of Protease Responsive Membrane Active Peptides – Towards Protease Profiling and Triggered Drug Delivery for Personalized Cancer Therapy (ERC consolidator proj.).	**Daniel Aili**
10:30	**Coffee**	
11:00	OECI accreditation	**Per Sandström**
11:20	Impact of differently specific BTK inhibitors on T cell mediated cancer immunotherapies.	**Judit Arvelund**
11:40	Can retroviral reactivation be leveraged to improve cancer treatment?	**Colum Walsh**
12:00	Harnessing radiomics and molecular profiling to predict outcomes and personalize pancreatic cancer treatment.	**Constantinos Zambirinis**

12:00 -13:00 Lunch

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13:00	Microscopy at the Core Facility LiU	**Vesa Loitto**
13:20	Targeting DNA-PK in cancer: a telomere perspective	**Ceylan Sonmez**
13:40	DNA methylation and cancer: inherited risk factor and therapeutic target	**Maike Bensberg**
14:00	Exploring the role of PiwiL1 in cancer	**Rashmi Ramesh**
14:20	**Coffee**	
14:40	4D Proteomics in Mass spectrometry Lab at Core Facility	**Ana Maria Carrasco del Amor**
15:10	The developmental transcription factor TBX3 drives metastasis in Colorectal Cancer	**Tamina Weiss**
15:30	Lysosomal repair in malignant melanoma	**Ida Eriksson**
15:50	Mechanical regulation of extracellular vesicle-induced metastatic dissemination	**Anna Fahlgren**
16:10	**Conclusion and walk to Kungasalen (Nunneklostret)**	
16:40	**Poster session/Scientific board meeting at the Kungasalen (Nunneklostret)**	
18:00	**Tipspromenad**	
19:00	**Networking dinner**	

Tuesday October 17th

07:00 – 08:30   Breakfast & checkout

Meeting will be held in **Slottsflygeln.**

09:00	**PI meeting**	
09:30	Regional genetic register RÖ.	**Pia Palmebäck & Daniel Madan Andersson**
09:50	Developing and validating prediction models of persistent taxane-induced peripheral neuropathy among early-stage breast cancer survivors using whole-exome sequencing.	**Kristina Engvall & Hanna Uvdal**
10:10	Genetic architecture of blood proteome for risk assessment of cancer patients.	**Wen Zhong**
10:30	**Coffee**	
11:00	Federated learning for training of segmentation models for radiotherapy treatment planning.	**Anders Eklund**
11:20	Quantitative MRI for brain tumors/Liver Intrinsic Function Evaluation (LIFE): A Multi-modal MRI Evaluation of Patients Undergoing Hepatectomy.	**Anna Ljusberg & Christian Simonsson**
11:40	Computational integrated diagnostics panorama for liver cancer.	**Caroline Bivik Stadler**
12:00	Nanoparticles for immune cell programing to enable mRNA-based cancer vaccination.	**Johan Karlsson**
12:20	**Summary and conclusions**	

12:30 -13:30 Lunch