

Thursday October 27th

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

The presentations will be held in **Slottsflygeln**.

09:40	Keynote lecture I: The Microtubule Severing Protein UNC-45A in Cancer and Neurodegenerative Diseases	Martina Bazzaro
10:40	Coffee	
11:10	Mitochondrial OXPHOS as a therapeutic target for ovarian cancer	Stig Linder
11:25	APR-246 enhances colorectal cancer sensitivity to radiotherapy RhoB expression in relation to chemotherapy response and prognosis in colorectal cancer	Xiao-Feng Sun Surajit Pathak
11:40	Virus driven lymphomagenesis	Anders Rosén
11:55	National Bioinformatics Infrastructure Sweden	Malin Larsson

12:15 -13:15 Lunch

13:15	Nuclear Magnetic Resonance Spectroscopy at LiU; Possibilities for Cancer Research	Alexandra Ahlner
13:30	An integrated structural biology approach for tumor inhibition	Maria Sunnerhagen
13:45	Finding targetable deubiquitinases for cancer therapy	Johannes Gubat

LiU Cancer Retreat Programme

Vadstena Klosterhotel, 27-28 Oct 2022

14:00	Glutamine metabolism in gliomas	Malgorzata Trybula
14:15	Glutamate dehydrogenase - a potential target for malignant pheochromocytomas and paragangliomas treatment	Mouna Tababi
14:30	Coffee	
14:50	TBX3 acts as a Wnt/ β -Catenin tissue specific co-factor at the interface between development and cancer	Amaya Jauregui Miguel Valeria Ghezzi
15:05	Unrevealing the cytotoxic mechanisms of DNA demethylating agents	Aida Selimovic
15:20	Methylation analysis and liquid biopsy for follow up of glioma	Malgorzata Lysiak Annika Malmström
15:35	Transcriptomic Studies on Pheochromocytomas and Paragangliomas	Hugo Rossiti
15:50	Effect of shear stress on chromatin dynamics and DSBs repair	Elena Faustini Matteo Longaretti
16:05	Coffee	
16:30	Keynote lecture II: New Cell Biological Principles of Nutrient Sensing and mTOR Signaling	Constantinos Demetriades
17:30	Mingle and poster session	
19:00	Networking dinner	

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Friday October 28th

07:00 – 08:30 Breakfast & checkout

08:30	PI meeting	
09:00	OECI accreditation	Per Sandström
09:30	Nucleases as biomarker for cancer	Frank Hernandez
09:45	Nanoprobe Equipped with Cetuximab for Targeted Imaging of Head and Neck Cancer	Anna du Riez
10:00	Challenging tumor-bone microenvironment: introducing the novel mechanobiology-based drug discovery tool "MechanoChip"	Cornelia Bratengeier
10:15	Identification of IL2Ra as a potential mechanism of therapeutic resistance in breast cancer using zebrafish PDX models	Lasse Jensen
10:30	Coffee	
11:00	Towards integrated diagnostics panoramas - a pilot for liver cancer	Claes Lundström
11:15	Brain tumor diagnosis using advanced image analytics	Iulian Emil Tampu
11:30	Inverse mathematical models for brain tumours	Rym Jaroudi
11:45	Validation of automated post-adjustments of HDR prostate brachytherapy treatment plans by quantitative measures and oncologist observer study	Frida Dolmar
12:00	Summary and conclusions	

12:15 -13:15 Lunch