

## Thursday October 27<sup>th</sup>

**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**.

<b>09:40</b>	<b>Keynote lecture I:</b> The Microtubule Severing Protein UNC-45A in Cancer and Neurodegenerative Diseases	<b>Martina Bazzaro</b>
<b>10:40</b>	<b>Coffee</b>	
<b>11:00</b>	An explorative clinical study of low dose acetylsalicylic acid for reduction of local inflammation in dense breasts	<b>Charlotta Dabrosin</b>
<b>11:15</b>	Mitochondrial OXPHOS as a therapeutic target for ovarian cancer	<b>Stig Linder</b>
<b>11:30</b>	APR-246 enhances colorectal cancer sensitivity to radiotherapy	<b>Xiao-Feng Sun</b>
<b>11:45</b>	Virus driven lymphomagenesis	<b>Anders Rosén</b>
<b>12:00</b>	National Bioinformatics Infrastructure Sweden	<b>Malin Larsson</b>

## 12:15 -13:15 Lunch

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

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

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## Friday October 28<sup>th</sup>

### 07:00 – 08:30 Breakfast & checkout

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

### 12:15 -13:15 Lunch