

Cancerfondens Planeringsgrupp för Onkologisk Radionuklidterapi

Schedule for the meeting on November 29 - December 1, 2023. Location: Linköping

Education Day, Wednesday, November 29

Location: Linköping University hospital, room: Eken (entrance 65)

	Moderator: Annelie Lindström
13:00-13:15	Introduction to the education day: what is the purpose of this day?, Annelie Lindström, Eva Forsell Aronsson
13:15-14:00	Radioactive isotopes and radioactive decay, Mattias Lantz
14:05-14:50	Radiobiology, Bo Stenerlöv
14:50-15:30	Coffee break
	Moderator: Annelie Lindström
15:30-16:15	Biokinetics, Katarina Sjögren Gleisner
16:20-17:00	Medical management of acute radiological and nuclear events, Thomas Erger
18:00-	Hang out and light dinner at Ekoxen

Meeting, Thursday, November 30, location: Hotel Ekoxen, room: Skådebanan

	Moderator: Anna Olsson
9:00-9:10	Welcome
9:15-10:15	What's in the pipeline, both clinical and preclinical?, Peter Bernhardt
10:15- 10:45	Coffee break
	Moderator: Anna Olsson
10:45-11:15	The usage of radioactive isotopes in a clinical setting, dosage and dosimetry, Joachim N. Nilsson
11:15-12:15	Optimization of radionuclide therapy - future challenges and opportunities, a discussion with the Swedish Medical Products Agency and the Swedish Radiation Safety Authority, Anna Sundlöv, Lars Idestrom
12:15-13:30	Lunch
	Moderator: Anna Ljusberg/Håkan Pettersson
13:30-14:20	Oral presentations (10 min talk + 2 min questions) 13:30 Sokratis El Mantani Ordoulidis , Region Gävleborg <i>Mot Optimering av Radiojodbehandling vid Differentierad Sköldkörtelcancer</i> 13:45 David Goldstein , Karolinska Universitetssjukhuset <i>Re-differentiation treatment and subsequent radioiodine therapy for metastatic thyroid cancer - a case report</i> 14:00 Anja Mortensen , Karolinska Institutet <i>Selection and in vivo efficacy of AKIR001, a novel CD44v6-targeting antibody for molecular radiotherapy of CD44v6-positive tumors</i>
14:20-15:20	Power pitch/ Rapid Fire talks (3 min talk + 2 min questions) Mehran Hariri , Uppsala University - <i>Impact of sodium ascorbate on NHEJ pathway</i> Nadia Boroumand , Stockholm University - <i>Nicotine interacts with DNA lesions induced by alpha radiation and affects oxidative stress and inflammation in human lung epithelial cells</i> Mostafa Karimi Roshan , Stockholm University - <i>Evaluating the effects of high and low LET ionizing radiation alone and in combination on human microglial cells after acute and fractionated treatment</i> Tabassom Mohajershojai , Uppsala University - <i>Optimization of Colorectal Cancer Xenograft Models to Augment Therapeutic Efficacy in Combination of Radioimmunotherapy and Immunotherapy</i>

	<p>Hana Bakr, Göteborg University - <i>Combined Treatment with 177Lu-DOTATOC and Valproate (Histone Deacetylase Inhibitor)</i></p> <p>Karl Pettersson Palm, Karolinska Institutet - <i>Preclinical evaluation of [89Zr]Zr-DFO*-sacituzumab, a PET tracer for imaging of whole body TROP-2 expression as a potential selection tool for treatment with TROP-2 antibody drug conjugates (ADC)</i></p> <p>Panagiotis Kanellopoulos, Uppsala University - <i>DOTAGA-modified DB15 mimics for theranostic use in prostate cancer</i></p> <p>Maryam Oroujeni, Uppsala University - <i>Evaluation of Affinity Matured Affibody Molecules for Imaging of Immune Check-Point Protein B7-H3</i></p> <p>Anzhelika Vorobyeva, Uppsala University - <i>Evaluation of influence of albumin binding domain position on biodistribution of HER2-targeting DARPIn-DM1 drug conjugates using radiolabeling</i></p> <p>Stig Palm, Göteborg University – <i>Modelling show intra-thecal radioimmunotherapy with Astatine-211-labelled dinutuximab could eradicate neuroblastoma metastasized to the central nervous system</i></p>
15:20-16:00	Coffee break + poster walk
16:00-16:15	Moderator: Anna Ljusberg/Håkan Pettersson Brief history of Cancerfondens Planeringsgrupp för Onkologisk Radionuklidterapi, Eva Forssell-Aronsson
16:15-17:00	Oral presentations (10 min talk + 2 min questions) 16:15 Mélodie Ferrat , Karolinska Institutet <i>Cancer theranostics using radiolabelled PARP inhibitors</i> 16:30 Ellinor Hansson , Göteborg University <i>Radiochemistry of Astatine, from nuclide production to targeted alpha therapy</i> 16:45 Frida Westerbergh , Göteborg University <i>SPECT/CT Imaging with Terbium-161: Challenges and Possibilities</i>
17:00-17:35	Årsmöte SFR
18:30-22:00	Dinner

Meeting, Friday, December 1, location: Hotel Ekoxen, room: Skådebanan

	Moderator: Annelie Lindström
8:30- 9:00	Company presentations
9:00-10:00	Mathematical models for cells and tumor growth during treatment, Ivan Shabo
10:00-10:30	Coffee break
10:30-11:30	Moderator: Eva Forsell Aronsson Oral presentations (10 min talk + 2 min questions) 10:30 Katja Smits , Göteborg University <i>Analysis of AI-Generated SPECT Projections for Bone Marrow Dosimetry</i> 10:45 Ekaterina Bezverkhniaia , Uppsala University <i>Preclinical evaluation of a novel PSMA-targeting radioligand [99mTc]Tc-BQ0413</i> 11:00 Vladimir Tolmachev , Uppsala University <i>HER2-specific Affibody Molecule [99mTc]Tc-ZHER2:41071: phase I clinical trial</i>
11:30-12:00	Award ceremony, summary, closing of the meeting
12:00-13:30	Lunch
14:00-15:30	Tour of the nuclear medicine department and cyclotron unit, Linköping University hospital

Notes: The schedule is preliminary and may be subject to change. Please contact the organizing committee for more information.