

Cancerfonden 

 LINKÖPINGS
UNIVERSITET

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 Region
Östergötland

Cancerfondens planeringsgrupp för Onkologisk Nuklidterapi meeting 2015

25-27 November 2015

Place: *Lecture Hall EKEN, Entrance 65, CAMPUS US, The Faculty of Medicine and Health Science, Linköping University, Linköping, Sweden*

Agenda 25 November

Lectures “Cancerfondens riksplaneringsgrupp för onkologisk nuklidterapi”

Moderator: Annelie Lindström, Faculty of Medicine and Health Science, Linköping University, Linköping

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|-------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 09.30-10.00 | Registration & Coffee | |
| 10.00-11.10 | Radiation Biology applications and relevance for therapy | <i>Bo Stenerlöv</i> |
| 11.20-12.30 | Internal and external accidental exposure to radiation – management of victims from the perspective of dose assessment” | <i>Andrzej Wojcik</i> |
| 12.30-13.30 | Lunch | |
| 13.30-14.30 | Radiation Biology and In vitro experiments | <i>Marika Nestor</i> |
| 14.30-14.45 | Coffee | |
| 14.45-16.00 | Dosimetry Considerations in ImmunoPET | <i>Joseph O’Donoghue</i> |

Lecturers:

Bo Stenerlöv, Professor, Department of Immunology, Genetics and Pathology, Medical Radiation Science, Rudbecklaboratoriet, Uppsala University, Uppsala, Sweden

Andrzej Wojcik, Professor, Department of Molecular Biosciences, The Wenner-Gren Institute, Stockholm University, Stockholm, Sweden

Marika Nestor, Associate Professor, Department of Surgical Sciences, Otorhinolaryngology and Head and Neck Surgery, Rudbecklaboratoriet, Uppsala University, Uppsala, Sweden

Joseph O'Donoghue, PhD, Associate Attending Physicist, Memorial Sloan-Kettering Cancer Center, New York, NY, USA

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25-27 November 2015

Place: *Elite Stora Hotellet, Stora Torget 9, Linköping, Sweden*

Agenda 26 November

08.00-09.00 Registration and coffee

09.00-09.15 Meeting Opening Chairman Sven-Erik Strand

Session 1 Moderators: Jacek Koziorowski & Håkan Pettersson, Region Östergötland, Linköping

09.15-10.15 Presentation

Marion de Jong, Professor, Nuclear Medicine, Radiology, Erasmus MC, Rotterdam, The Netherlands

“Peptide-receptor based imaging and therapy of neuroendocrine tumours”

10.15-11.00 Poster session, mingle and coffee

11.00-11.35 Presentation

Jörgen Carlsson, Professor Emeritus, Department of Immunology, genetics and Pathology, Medical Radiation Science, Uppsala University, Uppsala, Sweden

”Clinical PET-study of HER2 expression on 23 breast cancer patients. Possibilities for radionuclide therapy”

11.40-11.55 Presentation

Britta Langen, PhD, Department of Radiation Physics, Sahlgrenska Universitetssjukhuset, Gothenburg, Sweden

“Biomarker gene discovery for radionuclide exposure and the Impact of circadian variation and data convolution”

12.00-13.15 LUNCH at *Elite Stora Hotellet*

Board Meeting: Svensk förening för Isotoperapi

Board Meeting: Svensk förening för Radiobiologi

Session 2 Moderators: Viveka Bergman & Håkan Pettersson, Region Östergötland, Linköping

13.15-13.30 Presentation

Erika Elgström, Oncology, Kamprad Lab, Faculty of Medicine, Department of Clinical Sciences, Lund University, Lund, Sweden

“Studies of cell death and immune cell markers in the inoculated tumor”

13.30-13.45 Presentation

Sophie Eriksson, PhD, Oncology, Kamprad Lab, Faculty of Medicine, Department of Clinical Sciences, Lund University, Lund, Sweden

“Formation of Double-Strand Breaks in Colon Tumors after targeted Alpha Therapy with ^{211}At -mAb”

13.45-14.00 Presentation

Jonas Högberg, Department of Radiation Physics, Institute of Clinical Sciences, University of Gothenburg, Gothenburg, Sweden

“A simulation model of microsphere distribution following SIRT radioembolisation agrees with observations”

14.00-14.30 Company presentations by representatives

14.30-15.00 Poster session, mingle and coffee

Session 3 Moderators: Annelie Lindström & Kristine Midtbø, Faculty of Medicine and Health Science, Linköping University, Linköping

15.00-15.15 Presentation

Viktor Sandblom, Department of Radiation Physics, Sahlgrenska Universitetssjukhuset, Gothenburg, Sweden

“Combination therapy of medullary thyroid cancer (MTC) using ^{177}Lu -octreotate and gemcitabine”

15.20-15.35 Presentation

Johanna Svensson, Department of Oncology, Sahlgrenska Universitetssjukhuset, University of Gothenburg, Gothenburg, Sweden

“An image based method for bone marrow dosimetry in ^{177}Lu -DOTATATE therapy”

15.40-15.55 Presentation

Johan Spetz, Department of Radiation Physics, Sahlgrenska
Universitetssjukhuset, Gothenburg, Sweden

“Hedgehog inhibitor Sonidegib potentiates ^{177}Lu -octreotate
therapy of GOT1 human small intestine neuroendocrine tumors in
nude mice”

16.00-16.15 Presentation

Arman Romiani, Department of Radiation Physics, Sahlgrenska
Universitetssjukhuset, Gothenburg, Sweden

“Biodistribution of ^{177}Lu -octreotate in IMR-32-bearing nude mice
– comparison between neuroendocrine tumor models”

16.30–17.00 Presentation

Gunilla Kling Andersson & Per Sandström, Bayer

“Xofigo as treatment modality”

17.00-17.45 Annual Meeting: Svensk förening för Radiobiologi

19.00 Dinner at *Elite Stora Hotellet*



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Agenda 27 November

Session 1 Moderators: Jacek Koziarowski & Marcus Ressner, Region Östergötland, Linköping

09.00-10.00 Presentation

Joseph O'Donoghue, PhD, Associate Attending Physicist, Memorial Sloan-Kettering Cancer Center, New York, NY, USA

”Design issues for Targeted Radionuclide Therapy”

10.00-10.30 Poster session, mingle & coffee

10.30-10.45 Presentation

Emma Aneheim, Department of Radiation Physics, Sahlgrenska Universitetssjukhuset, Gothenburg, Sweden, award winner from last meeting

”Synthesis, QC and Cell Binding Properties of Astatinated PSMA Inhibitor P-1095”

10.45-11.00 Presentation

Anja Mortensen, Department of Immunology, Genetics and Pathology, Medical Radiation Science, Rudbecklaboratoriet, Uppsala University Uppsala, Sweden

“Enhancing the effect of radiotherapy in cultured tumor cells using p53 therapy”

11.00-11.15 Presentation

Enn Maipu, Akademiska sjukhuset, Uppsala, Sweden

”Mjukvara för thyreoideosimetri”

Session 2 Moderators: Håkan Pettersson & Marcus Ressner, Region Östergötland & Faculty of Medicine and Health Science, Linköping

11.20-11.50

THINK TANK

11.50-12.30

Summary & Next meeting

