



24th **IRIST** International Meeting 31st August – 1st September 2018 Prague

Hotel Olsanka, Prague, Czech Republic

Preliminary Program

31 August 2018

Theranostics (Cancer diagnosis and therapy)

09:00-09:30	Lu-177 and Ac-225 PSMA radioligand therapy (PRLT) of metastatic prostate cancer: the power of precision oncology Prof. Richard Baum, Nuklear Medizin, Bad Berka, Germany
09:30-10:00	Therapy with 177Lu-PSMA and kidney protection Dr. Stefano Severi, Ospedale di Meldola, Italy
10:00-10:30	Recent advances in theranostics: immune-chemo-radionuclide therapy Dr. Harvey Turner, Nuclear Medicine, Fremantle Hospital, Australia
10:30-11:00	New applications of ⁶⁸Ga-PSMA PET Dr. Christophe van de Wiele, University of Ghent, Belgium

11:00-11:30 *Coffee break*

Treatment of liver metastases

11:30-12:00	PET/MRI and PET/CT imaging in liver selective internal radiation therapy with Y-90 microspheres. Which approach is better Dr. Karin Knešaurek, Department of Radiology-Division of Nuclear Medicine Icahn School of Medicine at Mount Sinai, New York, USA
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12:00-12:30	Current State and Future Challenges in Quantitative Imaging for Dosimetry in Radionuclide Imaging and Therapy Dr. Karin Knešaurek, Department of Radiology-Division of Nuclear Medicine Icahn School of Medicine at Mount Sinai, New York, USA
12:30-12:45	First local experience of intra-arterial PRRT using Yttrium-90 HA DOTATATE in a patient with multifocal SDHD mutated paragangliomas Kelvin S H Loke, Gabriel Lim K Y, David Ng C E Singapore General Hospital
12:45-13:00	Radiolabelled PLGA nanoparticles as theranostic agents for aggressive cancer therapy Michela Varani, Sveva Auletta, Filippo Galli, Alberto Signore "Sapienza" University of Rome, Italy
13:00-13:15	DNA damage after 131I therapy Marta Pacilio, Antonella Sgura, Anna Giovanetti, Marco Chianelli, Alberto Signore "Sapienza" University of Rome, ENEA Casaccia and Roma 3 University, Italy
13:15-13:30	Free paper

13:30-15:00 *Lunch*

New diagnostic imaging modalities 1

15:00-15:20	PET/SPECT/CT imaging of small animals Prof. Freek Beekman, MILabs
15:20-15:40	PET/SPECT/CT imaging of small animals Dr. Sara Neyt, Molecubes
15:40-16:00	New gamma probe and High Resolution gamma-camera Dr. Nunzia Delia, Imagensys

16:00-16:30 *Coffee break*

New diagnostic imaging modalities 2

16:30-17:00	New frontiers in endoscopic imaging Entcho Klenske, Ludwig Demling Endoscopy Center of Excellence, University Hospital Erlangen, Germany
17:00-17:30	New frontiers in MRI Andrea Laghi, Department of Radiological Sciences, Oncology and Pathology "Sapienza" - University of Rome, Italy
17:30-18:00	New frontiers in PET imaging Andor Glaudemans, Department of Nuclear Medicine and Molecular Imaging, UMCG, The Netherlands

19:30-22:30 Social dinner

1 September 2018

Immunoscintigraphy in inflammation and oncology

09:00-09:30	⁶⁸Ga-NODAGA-RGD PET/CT for angiogenesis in tumors: an update Prof. John Prior, Service de Médecine Nucléaire et Imagerie Moléculaire, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
09:30-09:45	Free paper
09:45-10:00	Free paper
10:00-10:15	Free paper
10:15-10:30	Free paper

10:30-11:00 Coffee break

Study of tumor microenvironment

11:00-11:30	The immunological network in cancer metastasis Paola Nisticò, Tumor Immunology and Immunotherapy Unit, Regina Elena National Cancer Institute, Rome, Italy
11:30-12:00	ImmunoPET for imaging cytotoxic T-cells in tumor microenvironment Anna Wu, Crump Institute for Molecular Imaging, Department of Molecular and Medical Pharmacology, David Geffen School of Medicine at UCLA, USA
12:00-12:30	Imaging T-cells and NK cells in tumor microenvironment Filippo Galli, Department of Medical-Surgical Sciences and of Translational Medicine, "Sapienza" University of Rome, Italy
12:30-13:00	Imaging macrophages in tumor microenvironment Erik Aartzen, Department of Radiology and Nuclear Medicine, Radboudumc, Nijmegen, The Netherlands

13:00-14:00 Lunch

Animal models and new radiopharmaceuticals

14:00-14:30	Pre-clinical imaging of arthritis Samantha Terry, King's College London, Department of Imaging Chemistry and Biology School of Biomedical Engineering & Imaging Sciences, London, UK
14:30-15:00	Animal models and radiopharmaceuticals for imaging bacterial infections

	Dr. Sveva Auletta, Department of Medical-Surgical Sciences and of Translational Medicine, "Sapienza" University of Rome, Italy
15:00-15:30	Animal models for studying oncological diseases Giulia Piaggio or other speaker from San Sebastian

15:30-16:00 *Coffee break*

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