

## Monday 13<sup>th</sup> of July, 2015

8:30-12:00	Registration
9:00-9:45	Welcome coffee
9:45-10:00	Opening
10:00-10:45	Production of radionuclides via radionuclide generators <i>Prof. Dr. Frank Rösch, JOGU, Germany</i>
10:45-11:30	Invited lecture: Production of medical radionuclides and platform for the development of radiopharmaceuticals <i>Dr. Konstantin Zhernosekov, ITG-Garching, Germany</i>
11:30-11:50	Coffee Break
11:50-12:10	Mesoporous aluminium oxide as a potential adsorbent for <sup>99</sup> Mo/ <sup>99m</sup> Tc generators <i>Vallin Garcia Cruz, TU Delft, The Netherlands</i>
12:10-12:55	Invited lecture: Nuclear tools for imaging and theranostics <i>Prof. Dr. Isabel Rego dos Santos, Instituto Superior Tecnico, Portugal</i>
12:55-14:00	Lunch
14:00-14:45	Invited lecture: Radiobiological effects of radionuclide exposure to consider in radiopharmaceutical development <i>Prof. Dr. Eva Forssell-Aronsson, Sahlgrenska University Hospital of Gothenburg, Sweden</i>
14:45-15:05	Polymersomes as alpha-emitting radionuclide carriers <i>Robin de Kruijff, TU Delft, The Netherlands</i>
15:05-15:25	Radium-223 labeled nanocarriers for alpha radionuclide therapy <i>Martin Vlck, Czech University of Technology, Czech Republic</i>
15:25-15:45	Coffee break
15:45-16:30	Invited lecture: Block copolymer-cyclodextrin supramolecular structures for drug delivery and regenerative medicine <i>Prof. Dr. Carmen Alvarez-Lorenzo, Universidade de Santiago de Compostella, Spain</i>
16:30-16:50	Molecular and supramolecular Pluronic nano-carriers for imaging and therapy: a two (2D) and three dimensional (3D) in vitro evaluation <i>Alexandra Arranja, Institute Charles Sadron, CNRS, France</i>
16:50-17:10	Biodistribution of radiolabeled Pluronic P94 unimers in tumour bearing mice <i>Costanza Santini, Erasmus MC, The Netherlands</i>
17:10-17:30	Title to be announced <i>Karolina Morawska, UGhent, Belgium</i>

## Tuesday 14<sup>th</sup> of July, 2015

9:15-10:00	<b>Invited lecture: Nanomedicines based on polypept(o)ides: From drug delivery to immune therapies and imaging</b> <i>Dr. Matthias Barz, JOGU, Germany</i>
10:00-10:20	<b>Multicomponent nanoparticles for vaccine delivery and immunomodulation</b> <i>Carina Peres, iMed, ULisboa, Portugal</i>
10:20-10:40	<b>Stimuli-Responsive Polymer Coated Magnetic Particles for Nucleic Acid Separation</b> <i>Dr. Mahbubor Rahman, UGhent, Belgium</i>
10:40-11:00	Coffee break
11:00-11:20	<b><sup>18</sup>F labelling of polyether-functionalized cholesterol derivatives for in vivo evaluation of differently shielded liposomal drug delivery systems</b> <i>Karolin Wagener, JOGU, Germany</i>
11:20-11:40	<b>Evaluation of a <sup>18</sup>F-Synthon proceeding in copper-free click reactions</b> <i>Kathrin Kettenbach, JOGU, Germany</i>
11:40-12:00	<b><sup>18</sup>F-labeling approaches for in vivo evaluation of poly(styrene-b-ethylene oxide) micelles</b> <i>Johannes Postema, Medizinische Hochschule Hannover, Germany</i>
12:00-12:20	<b>Shape effects of poly(styrene-b-ethylene oxide) micelles in vitro and in vivo</b> <i>Laurence Jennings, Institute Charles Sadron, CNRS, France</i>
12:20-14:00	Lunch
14:00-14:45	<b>Quarter-mm, quarter-minute &amp; quarter MBq SPECT and Simultaneous sub-mm PET-SPECT of molecules, particles and organs in action</b> <i>Prof. Dr. Frederik Beekman, TU Delft/MiLabs, The Netherlands</i>
14:45-15:30	<b>Invited lecture: How simple supramolecular interactions can guide image guided surgery</b> <i>Dr. Fijs W.B. van Leeuwen, LUMC, The Netherlands</i>
15:30-15:50	<b>High-sensitivity SPECT as a tool for pre-clinical evaluation of radiolabeled nanoparticles</b> <i>Oleksandra Ivashchenko, MiLabs, The Netherlands</i>
15:50-16:10	Coffee break
16:10-17:30	Poster session
19:30-23:00	<b>Visit to museum 'de Cerveja' and conference dinner</b> <i>(If registered separately for dinner)</i>

## Wednesday 15<sup>th</sup> of July, 2015

9:10-9:55	<b>Invited lecture: Innovation in medicinal products: Is nanomedicine a new paradigm for healthcare</b> <i>Prof. Dr. Rogério Gaspar, FFUL/iMed.UL, University of Lisbon, Portugal</i>
9:55-10:40	<b>Invited lecture: Radiochemical integrity of labelled NPs: a key (and usually forgotten) property of diagnostic therapeutic and theragnostic NPs</b> <i>Dr. Jordi Llop, CIC biomaGUNE, San Sebastian, Spain</i>
10:40-11:00	<b><i>In Vivo</i> studies using a nebulized lipidic nanoparticulate system against lung invasion of highly breast cancer metastases fixation</b> <i>Prof. Dr. Mafalda A. Videira, University of Lisbon, Portugal</i>
11:00-11:20	Coffee break
11:20-12:05	<b>Invited lecture: Multimodal imaging: Small Molecules and Microparticles</b> <i>Prof. Dr. Erik Arstad, UCL, England</i>
12:05-12:25	<b>Click radiolabelling via SPAAC using Gallium-68 for sensitive (Bio)Macromolecules</b> <i>Katharina Stockhofe, JOGU, Germany</i>
12:25-12:45	<b>Conjugation, labelling and initial in vivo assessment of an anti-VEGF monoclonal antibody labelled with Niobium isotopes</b> <i>Ana de la Fuente, JOGU, Germany</i>
12:45-14:00	Lunch
14:00-14:45	<b>Invited lecture: Radionuclide therapy and the DNA damage response: tools to examine and improve treatment effects</b> <i>Dr. Julie Nonekens, Erasmus MC, The Netherlands</i>
14:45-15:05	<b>Imaging and radiosensitization of BRCA1 deficient tumour cells using biodegradable Au nano-particles</b> <i>Dr. Alessia Gasparini, TU Delft, The Netherlands</i>
15:05-15:25	<b>Effects of neutron irradiation on the organic surface functionalities of nanoparticles</b> <i>Dr. Jonathan Martinelli, TU Delft, The Netherlands</i>
15:25-16:30	Young Scientist Award and Closure with refreshments