

April 6th, 2018

Time	Session
8:15-9:00	Registration
09:00-09:30	Opening
09:30-10:00	Towards probing particle properties in vivo Wolfgang Parak Philipps-Universität Marburg, AG Biophotonik, Germany
10:00-10:30	Glioma-targeted drug delivery strategies and verification Weiyue Lu Fudan University, School of Pharmacy, Shanghai, China
10:30-11:00	Coffee break
11:00-11:30	Smart Macro-Nanomedicine Twan Lammers Uniklinik RWTH Aachen (UKA), Department Nanomedicines and Theranostics, Germany
11:30-12:00	3-Dimensional DNA probes decorated biosensing interface Xiaolei Zuo Shanghai Jiao Tong University, Institute of Molecular Medicine, Shanghai, China
12:00-12:20	Red-light-responsive Ru-containing polymers for phototherapy Si Wu Max Planck Institute for Polymer Research, Mainz, Germany
12:20-13:30	Lunch
13:30-13:50	Tumor-targeted imaging and combined therapy Rongqin Huang Fudan University, School of Pharmacy, Shanghai, China
13:50-14:10	Polypept(o)ides: From Nanoparticles for Immune Therapies to Companion Diagnostics Matthias Barz Johannes Gutenberg University of Mainz, Institute of Organic Chemistry, Germany

14:10-14:30	<p>Acid-Activatable Drug Delivery Systems</p> <p>Haijun Yu</p> <p>Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China</p>
14:30-14:50	<p>Quantitative approaches to evaluate particle-cell interactions</p> <p>Neus Feliu</p> <p>Hamburg University (UHH), Center for Hybrid Nanostructures (CHyN), Germany and Department of Laboratory Medicine (LABMED), Karolinska Institutet, Sweden</p>
14:50-15:20	<p>Coffee break</p>
15:20-15:40	<p>Material Solutions for Drug Delivery: From Design to Application in Cancer Therapy</p> <p>Yuan Ping</p> <p>Zhejiang University, College of Pharmaceutical Sciences, Hangzhou, China</p>
15:40-16:00	<p>Intracellular Unfolding Nanogels for the Delivery of Immune-Stimulatory Cues towards Anticancer Immunity</p> <p>Lutz Nuhn</p> <p>Max Planck Institute for Polymer Research, Mainz, Germany</p>
16:00-16:20	<p>Tumor acidity-responsive nanomedicines for improved cancer therapy</p> <p>Jinzhi Du</p> <p>South China University of Technology, Guangzhou, China</p>
16:20-16:40	<p>Polymeric nanomedicines for tumor targeted drug delivery</p> <p>Yang Shi</p> <p>Uniklinik RWTH Aachen (UKA), Department Nanomedicines and Theranostics, Germany</p>
16:40-17:00	<p>Therapeutic Impact of Intratumor Heterogeneity in Liver Cancer</p> <p>Qiang Gao</p> <p>Fudan University, Zhongshan Hospital, Shanghai, China</p>

April 7th, 2018

Time	Session
09:00-09:20	Preparation and application of functional polymeric nanoparticles based on poly(methacrylate)s Stephanie Schubert Friedrich-Schiller-Universität Jena, Jena Center for Soft Matter (JCSM), Germany
09:20-09:40	Supramolecular forces for the design of unusual carrier systems Johannes Brendel Friedrich-Schiller-Universität Jena, Jena Center for Soft Matter (JCSM); Institute for Organic Chemistry and Macromolecular Chemistry (IOMC), Germany
09:40-10:00	A Reactive Oxygen Species (ROS)-Responsive Nanocarrier for Promoting Cancer Immunotherapy Tianmeng Sun Jilin University, Changchun, China
10:00-10:20	Polysaccharides and Proteins as Versatile Biopolymer Material for Nanoparticles Peter R. Wich Johannes Gutenberg-Universität Mainz, Germany and University of New South Wales, Sydney, Australia
10:20-10:40	Tumor microenvironment sensitive size changeable nanoparticles Huile Gao Sichuan University, West China School of Pharmacy, Chengdu, China
10:40-11:00	Coffee break
11:00-11:20	Metal-organic framework nanocarriers – A groundbreaking “magic bullet”? Stefan Wuttke University of Lincoln, School of Chemistry, UK
11:20-11:40	Cationic surface modification of drug nanocrystals improved mucosal adhesion and local therapy Yu Liu Fudan University, School of Pharmacy, Shanghai, China
11:40-12:00	Lipid-coated Iron Metal-Organic Framework Nanoparticles for Biomedical Applications Hanna Engelke LMU Munich, Department of Chemistry, Germany

12:00-12:20	<p>Light-Responsive Nanoparticles for Highly Efficient Cytoplasmic Drug Delivery</p> <p>Yibin Deng</p> <p>Soochow University, College of Pharmaceutical Sciences, Suzhou, China</p>
12:20-13:30	Lunch
13:30-13:50	<p>Intracellular Delivery of Biomacromolecules: Nucleic Acids, Peptides, Proteins</p> <p>Ulrich Lächelt</p> <p>LMU Munich, Department of Pharmacy, Germany</p>
13:50-14:10	<p>Bioinspired Hierarchical Design in Gene Delivery System</p> <p>Yu Nie</p> <p>Sichuan University, National Engineering Research Center for Biomaterials, Chengdu, China</p>
14:10-14:30	<p>Smart Dosage Forms for Targeted siRNA Delivery</p> <p>Olivia Merkel</p> <p>LMU Munich, Department of Pharmacy, Germany</p>
14:30-14:50	<p>Inhalable nanoparticles for in vivo genome editing mediated by crispr-cas9 delivery for undruggable KRAS driven lung cancers</p> <p>Aditi Mehta</p> <p>LMU Munich, Department of Pharmacy, Germany</p>
14:50-15:20	Coffee break
15:20-15:40	<p>Advantages and potential use of novel nanocarrier for ocular drug delivery</p> <p>Hao Pan</p> <p>Liaoning University, School of Pharmaceutical Sciences, Shenyang City, China</p>
15:40-16:00	<p>Tumor-targeted gene and drug delivery with Sequence-defined Oligoaminoamides</p> <p>Wei Zhang</p> <p>LMU Munich, Department of Pharmacy, Germany</p>
16:00-16:20	<p>Imaging enabled investigation of nucleic acid based nanotherapeutics</p> <p>Haider Sami</p> <p>University of Vienna, Division of Clinical Pharmacy and Diagnostics, Austria</p>
16:20-17:00	Discussion & closing