

Thursday, February 29, 2024	
12:00	Reception & Finger Food
12:45	Welcome
13:00 – 14:40	Session 1 (Chair: Tessa Lühmann) <i>Welcome Austria and Switzerland!</i>
13:00 – 13:30	Paola Luciani (Bern, Switzerland) Harnessing the multifunctionality of lipid-based drug delivery systems for the local treatment of fibrosis and inflammation
13:30 – 13:50	Ulrich Lächelt (Vienna, Austria) Metal-Organic Coordination Nanoparticles for Delivery of Therapeutics
13:50 – 14:10	Flávia Sousa (Fribourg, Switzerland) Immunostimulatory nanoparticles delivering IL-12 empower glioblastoma immunotherapy
14:10 – 14:40	Lea Ann Dailey (Vienna, Austria) Can nanoformulations for poorly soluble anti-tubercular drugs improve PK in the lung?
14:40 – 15:00	Poster Flash Talks 1 (Chair: Flávia Sousa) 5 talks á 3 minutes
15:00 – 16:00	Coffee Break and Poster Session & Exhibition & Meet-the-Editor
16:00 – 17:30	Session 2 (Chair: Gregor Fuhrmann) <i>Analytics</i>
16:00 – 16:30	Martin Brandl (Odense, Denmark) Oral Enabling Formulations: Microdialysis-Based Dissolution Testing: A Game-Changer in Mechanistic Understanding & Prediction
16:30 – 16:45	Justus Peters (Frankfurt, Germany) Comprehensive characterization of liposomal nanocarriers in intestinal in vitro permeability assays through FRET and ¹ H NMR
16:45 – 17:00	Ines Nikolić (Geneva, Switzerland) Interfacial dynamics of phospholipids: do we understand the molecular organization at the nanocurved interface?
17:00 – 17:15	Jan-Niklas May (Aachen, Germany) Immunohistological Biomarkers for the Prediction of Tumor Nanomedicine Accumulation in Murine and Human Tumors
17:15 – 17:30	Marcel Franke (BASF, Germany) Nitrosamines – Automated Risk Assessment for Excipient Selection
17:30 – 18:00	Poster Flash Talks 2 (Chair: Flávia Sousa) 6 talks á 3 minutes
18:00 – 18:45	Poster Session & Exhibition
19:00	Social Event (wine tasting + dinner)

Friday, March 01, 2024	
08:00	General Meeting CRS-GER // Poster Session & Exhibition
09:00 – 10:30	Session 3 (Chair: Ulrich Lächelt)
09:00 – 09:30	Gerrit Borchard (Geneva, Switzerland) Information medicines: How to manage a change in paradigm
09:30 – 09:45	Aljoscha Gabelmann (Saarbrücken, Germany) Dual-mRNA vaccination platform for enhanced mucosal vaccination
09:45 – 10:00	Elita Montanari (Zurich, Switzerland) Loading of extracellular vesicles with ribonucleic acids via spontaneous fusion with non-lamellar lipid nanovectors
10:00 – 10:15	Kirstin Meiners (Würzburg, Germany) Optimizing Lipid Nanoparticles for mRNA Delivery: A Design of Experiment Approach
10:15 – 10:30	Yoshinori Kato (Hoshi University, Japan) New strategies for drug delivery in breast cancer therapy
10:30 – 11:00	Coffee Break and Poster Session & Exhibition
11:00 – 12:30	Session 4 (Chair: Peter Hölig): Industry session
11:00 – 11:15	Thomas Vrucina (Polymun, Austria) Pioneering a Versatile LNP Production Process for mRNA Vaccines, Therapeutics, and Gene Editing – Unveiling the Proof of Concept
11:15 – 11:30	David Wurm (NovoArc, Austria) Novel archaeal ether lipids improve transfection with mRNA lipid nanoparticles
11:30 – 11:45	Christian Plank (Ethris, Germany) mRNA therapeutics for pulmonary disease
11:45 – 12:00	Fatemeh Dabbagh (BASF, Germany) Poloxamers at the Interface of Chemistry and Biotherapeutics Manufacture and Delivery
12:00 – 12:15	Martin Bultmann (AbbVie, Germany) Developing NBE Fill-Finish-Processes
12:15 – 12:30	Christine Mayer (Wiley, Germany) Publication ethics – A journal editor's perspective
12:30 – 14:00	Lunch Break and Poster Session & Exhibition & Meet-the-Industry
14:00 – 15:50	Session 5 (Chair: Simon Drescher)
14:00 – 14:30	Stephanie Möllmert (Erlangen, Germany) Brillouin microscopy – underlying principles and current applications
14:30 – 14:50	Gergely Kali (Innsbruck, Austria) Thiolated polysaccharides: synthesis possibilities and applications
14:50 – 15:10	Philipp Uhl (Heidelberg, Germany) Cell penetrating peptide modified liposomes: A technology for oral peptide delivery
15:10 – 15:30	Christian Wölk (Leipzig, Germany) Nucleic acid functionalized surface coatings – a tool in regenerative medicine
15:30 – 15:50	Maria Hörnke (Halle/Saale, Germany) Targeting the endosomal membrane by biomimetic, pH-sensitive polymers
16:00	Award Ceremony, Closing Remarks
16:15	End of the Conference