

- PROGRAM AT A GLANCE -

	Tuesday (May 21, 2024)	Wednesday (May 22, 2024)	Thursday (May 23, 2024)
08:30 am			
08:40 am			
08:50 am			
09:00 am		- KEYNOTE - Josef Penninger (Helmholtz Center for Infection Research) "Human organoids for infection research"	- KEYNOTE - Peter Loskill (Tübingen University, NMI Reutlingen) "Recapitulating complex tissues using OoC and organoid technologies"
09:10 am			
09:20 am			
09:30 am			
09:40 am		Mario Bellmann MPS for mechanistic toxicity investigations: Example drug-induced liver injury (Boehringer Ingelheim)	Robert Zweigerdt Human Multi-Tissue Organoids as an Advanced Teratogenicity Model (Hannover Medical School)
09:50 am		Adrian Roth Patient-derived human tissue models supporting precision medicine in clinical drug development (Roche)	Vivek Thacker Plenty of room in the middle: MPS models as enabling platforms to study infections in tissues (Heidelberg University)
10:00 am		Diana Karwelat Advanced cellular models at Bayer (Pharmaceuticals) - Use cases and current challenges (Bayer AG)	Julia Alber Marker-independent real-time imaging of tumor-immune interactions in a microphysiological test system (NMI Reutlingen)
10:10 am			
10:20 am			
10:30 am			
10:40 am			
10:50 am			
11:00 am	Satellite Event: 3R-Network BW Meeting	Coffee Break	Coffee Break
11:10 am		Gautier Roussignol Human microbrain 3D model for non-clinical neuronal safety evaluation at early phase of drug development (Sanofi)	Laura Suter-Dick Multicellular liver microtissues for the investigation of liver fibrosis (University Northwestern Switzerland)
11:20 am		Terry van Vleet Current opportunities and remaining challenges for NAMs impact in pharmaceutical safety assessment (AbbVie)	Simon Dreher Engineering of contractile and metabolically mature human myotubes and myobundles (Tübingen University)
11:30 am		Rhiannon Hardwick Onboarding and context of use qualification considerations for GI and liver CIVM/MPS applications in discovery toxicology (Bristol Myers Squibb)	Julia Lang Using complex human skin models to study the immunological response to colonization by <i>Staphylococcus</i> species (Karolinska Institutet Stockholm)
11:40 am			
11:50 am			
12:00 pm			
12:10 pm			
12:20 pm			
12:30 pm			
12:40 pm			
12:50 pm			
01:00 pm			
01:10 pm			
01:20 pm	Opening Ceremony		
01:30 pm			
01:40 pm			
01:50 pm	- KEYNOTE - Marcel Leist (CAAT Europe, Konstanz University) "Development of non-animal methods for neurodegradation research and neurotoxicity assessment"	Karilyn E. Sant Embryonic and aquatic toxicity of common environmental pollutants: The case for tire tread particles and emerging coastal mixtures (San Diego State University)	Stefan Krauss Promises and challenges of microphysiological liver models (Oslo University)
02:00 pm		Ashwin Shah Human 3D high-throughput vasculogenesis model for developmental toxicity screening (Leibniz-Institute for Polymer Research)	Daniel Gutierrez A novel human 3D peristaltic simulating Gut-on-Chip platform for predictive testing of new barrier-protecting drug candidates (Alveolix)
02:10 pm		Anna Wolfram Advancing 3R-complying 3D models: Exploiting stem cell models for high-throughput drug efficacy and neurotoxicity screening (Tübingen University)	Torsten Mayr In-line monitoring of oxygen, pH, glucose and lactate in OoC with integrated optical sensors (Graz University of Technology)
02:20 pm		Romina Aspera-Werz A novel human in vitro liver-bone 3D co-culture model for advanced drug toxicity testing (Siegfried Weller Institute Tübingen)	Martin Raasch PDMS-free intestine-on-chip with real-time oxygen monitoring for high-throughput studies (Dynamic42)
02:30 pm			
02:40 pm	Stefan Liebau Getting closer to a glance back from the dish - next generation retinal organoids (Tübingen University)	Marianne Carlon Implementing patient-derived in vitro models for translational testing of gene editing therapies for cystic fibrosis (KU Leuven)	- KEYNOTE - Simone Mayer (Karlsruhe Institute of Technology) "Human brain organoids as models of rare neurological disorders as a stepping stone towards personalized medicine"
02:50 pm		André Koch From bench to bedside - Patient-derived culture models in women's health research (Tübingen University)	
03:00 pm	Thomas Korff Human vascular organoids - a simple multifaceted tool for the study of endothelial and smooth muscle cell junctions (Heidelberg University)	Jan Tuckermann Regulation of Immune metabolism by Corticosteroids (UlM University)	
03:10 pm	Chantal Allgöwer Single-cell profiling unleashes KRAS-driven reprogramming of the tumor microenvironment before cancer onset (University Hospital Ulm)	Stella Asmanidou Modeling and treating cetuximab resistance using ex vivo colorectal tumor slices (Stuttgart University)	
03:20 pm	Nina Köder Development of an automated skin organoid differentiation and generation of an air-liquid interface skin model with OoC (Fraunhofer Translational Center for Regenerative Therapies)		
03:30 pm			
03:40 pm			
03:50 pm			
04:00 pm			
04:10 pm			
04:20 pm			
04:30 pm			
04:40 pm			
04:50 pm			
05:00 pm			
05:10 pm			
05:20 pm			
05:30 pm			
05:40 pm			
05:50 pm			
06:00 pm			
06:10 pm			
06:20 pm			
06:30 pm			
06:40 pm			
06:50 pm			
07:00 pm			
07:10 pm			
07:20 pm			
07:30 pm			
07:40 pm			
07:50 pm			
08:00 pm			
08:10 pm			
08:20 pm			
08:30 pm			
08:40 pm			
08:50 pm			
09:00 pm			

