


- PROGRAM AT A GLANCE -

	Tuesday (May 21, 2024)	Wednesday (May 22, 2024)	Thursday (May 23, 2024)				
08:30 am	<p align="center">Satellite Event: 3R-Network BW Meeting</p>	<p align="center">- KEYNOTE - Marcel Leist (CAAT Europe, Konstanz University) <i>"Development of non-animal methods for neurodegradation research and neurotoxicity assessment"</i></p>	<p align="center">- KEYNOTE - Peter Loskill (Tübingen University, NMI Reutlingen) <i>"Recapitulating complex tissues using OoC and organoid technologies"</i></p>				
08:40 am							
08:50 am							
09:00 am							
09:10 am							
09:20 am							
09:30 am							
09:40 am				<p align="center">Mario Bellmann MPS for mechanistic toxicity investigations: Example drug-induced liver injury (Boehringer Ingelheim)</p>	<p align="center">Robert Zweigerdt Human Multi-Tissue Organoids as an Advanced Teratogenicity Model (Hannover Medical School)</p>		
09:50 am				<p align="center">Adrian Roth Patient-derived human tissue models supporting precision medicine in clinical drug development (Roche)</p>	<p align="center">Vivek Thacker Plenty of room in the middle: MPS models as enabling platforms to study infections in tissues (Heidelberg University)</p>		
10:00 am				<p align="center">Diana Karwelat Advanced cellular models at Bayer (Pharmaceuticals) - Use cases and current challenges (Bayer AG)</p>	<p align="center">Julia Alber Marker-independent real-time imaging of tumor-immune interactions in a microphysiological test system (NMI Reutlingen)</p>		
10:10 am				<p align="center">Coffee break</p>	<p align="center">Coffee break</p>		
10:20 am							
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11:00 am							
11:10 am	<p align="center">Gautier Roussignal Human microbrain 3D model for non-clinical neuronal safety evaluation at early phase of drug development (Sanofi)</p>	<p align="center">Laura Suter-Dick Multicellular liver microtissues for the investigation of liver fibrosis (University Northwestern Switzerland)</p>					
11:20 am	<p align="center">Terry van Vleet Current opportunities and remaining challenges for NAMs impact in pharmaceutical safety assessment (AbbVie)</p>	<p align="center">Simon Dreher Engineering of contractile and metabolically mature human myotubes and myobundles (Tübingen University)</p>					
11:30 am	<p align="center">Rhiannon Hardwick Onboarding and context of use qualification considerations for GI and liver CIVM/MPS applications in discovery toxicology (Bristol Myers Squibb)</p>	<p align="center">Julia Lang Using complex human skin models to study the immunological response to colonization by <i>Staphylococcus</i> species (Karolinska Institutet Stockholm)</p>					
11:40 am	<p align="center">Lunch break</p>						
11:50 am							
12:00 pm							
12:10 pm							
12:20 pm							
12:30 pm							
12:40 pm	<p align="center">Opening Ceremony</p>	<p align="center">Karilyn E. Sant Embryonic and aquatic toxicity of common environmental pollutants: The case for live-bred particles and emerging coastal mixtures (San Diego State University)</p>	<p align="center">Stefan Krauss Promises and challenges of microphysiological liver models (Oslo University)</p>				
01:00 pm							
01:10 pm				<p align="center">Ashwin Shah Human 3D high-throughput vasculogenesis model for developmental toxicity screening (Leibniz-Institute for Polymer Research)</p>	<p align="center">Daniel Gutierrez A novel human 3D peristaltic simulating Gut-on-Chip platform for predictive testing of new barrier-protecting drug candidates (Alveolix)</p>		
01:20 pm				<p align="center">Anna Wolfram Advancing 3R-complying 3D models: Exploiting stem cell models for high-throughput drug efficacy and neurotoxicity screening (Tübingen University)</p>	<p align="center">Torsten Mayr In-line monitoring of oxygen, pH, glucose and lactate in OoC with integrated optical sensors (Graz University of Technology)</p>		
01:30 pm				<p align="center">Application of NAMs for Environmental, Food & Chemical Toxicology (Chair: Marielena Cipriani, Tübingen University)</p>	<p align="center">Romina Aspera-Werz A novel human in vitro liver-bone 3D co-culture model for advanced drug toxicity testing (Siegfried Weller Institute Tübingen)</p>	<p align="center">Martin Raasch PDMS-free intestine-on-chip with real-time oxygen monitoring for high-throughput studies (Dynamic42)</p>	
01:40 pm							
01:50 pm							<p align="center">Josef Penninger (Helmholtz Center for Infection Research) <i>"Human organoids for infection research"</i></p>
02:00 pm							
02:10 pm							
02:20 pm							
02:30 pm				<p align="center">Stefan Liebau Getting closer to a glance back from the dish - next generation retinal organoids (Tübingen University)</p>	<p align="center">Marianne Carlon Implementing patient-derived in vitro models for translational testing of gene editing therapies for cystic fibrosis (KU Leuven)</p>	<p align="center">- KEYNOTE - Simone Mayer (Karlsruhe Institute of Technology) <i>"Human brain organoids as models of rare neurological disorders as a stepping stone towards personalized medicine"</i></p>	
02:40 pm				<p align="center">Thomas Korff Human vascular organoids - a simple multifaceted tool for the study of endothelial and smooth muscle cell functions (Heidelberg University)</p>	<p align="center">André Koch From bench to bedside - Patient-derived culture models in women's health research (Tübingen University)</p>		
02:50 pm	<p align="center">Application of NAMs for Rare Diseases & Personalized Medicine (Chair: Florian Wimmer, Tübingen University)</p>	<p align="center">Jan Tuckermann Regulation of immune metabolism by Corticosteroids (Ulm University)</p>					
03:00 pm							
03:10 pm			<p align="center">Chantal Allgöwer Single-cell profiling unleashes KRAS-driven redrafting of the tumor microenvironment before cancer onset (University Hospital Ulm)</p>				
03:20 pm							
03:30 pm			<p align="center">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)</p>	<p align="center">Stella Asmanidou Modeling and treating cetuximab resistance using ex vivo colorectal tumor slices (Stuttgart University)</p>			
03:40 pm							
03:50 pm	<p align="center">Coffee break</p>	<p align="center">Coffee break</p>	<p align="center">Closing Ceremony</p>				
04:00 pm							
04:10 pm	<p align="center">Innovation in Organoid Models (Chair: Deborah Kronenberg-Vorsteeg, DZNE Tübingen)</p>	<p align="center">Oliver Röhrle In silico modelling: Chances and challenges (Stuttgart University)</p>					
04:20 pm							
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05:00 pm							
05:10 pm	<p align="center">Application of NAMs for Rare Diseases & Personalized Medicine (Chair: Florian Wimmer, Tübingen University)</p>	<p align="center">- KEYNOTE - Daniela Salvatori (Utrecht University) <i>"The power of education for the transition to animal-free innovation: From theory to practice"</i></p>					
05:20 pm							
05:30 pm				<p align="center">Özlem Vural Combining OoC and PK/TD modelling (Bayer AG)</p>			
05:40 pm							
05:50 pm			<p align="center">Philipp Paulitschke New non-invasive, label-free monitoring approach for 2D and 3D cell culture (Ludwig-Maximilians-University Munich)</p>				
06:00 pm							
06:10 pm	<p align="center">Application of NAMs for Rare Diseases & Personalized Medicine (Chair: Florian Wimmer, Tübingen University)</p>	<p align="center">- ROUND TABLE - Training & Education for NAMs (Chair: Silke Riegger, Tübingen University) Lucia Sella Spiroz (European Commission, JRC EURL ECVAM) Sandra Paschikowsky (VDI/VDE Innovation + Technik GmbH) Daniela Salvatori (Utrecht University)</p>					
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07:30 pm	<p align="center">Poster Session</p>						
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08:30 pm	<p align="center">Welcome Reception</p>	<p align="center">Conference Dinner</p>					
09:00 pm							