Swiss 3Rs Day 2024

3Rs in Oncology

AGORA Lausanne

June 13th

Auditoire Yves Paternot
08:00 - 08:45  Registration
08:45 - 09:00  Welcoming by Jenny Sandström, 3RCC Executive Director

**Session 1**

**3Rs Implementation in Practice**

Chaired by Jessica Lampe, Swiss 3RCC

09:00 - 09:25  *Culture of care in Animal Research: Time to „refine“ for people*

**Fabienne Ferrara**, ConScienceTrain, Berlin

09:25 - 09:50  *Recent advances in the assessment of pain and distress in laboratory animal species*

**Matthew Leach**, Newcastle University

09:50 - 10:15  *Challenges in enabling translation of tumor models in cancer therapy: Exploiting secreted luciferases to monitor tumor metastasis as a promising approach*

**Christian Schnell**, Novartis Oncology

10:15 - 10:40  *New Approach Methodologies (NAMs) - much needed but hardly used Opportunities and barriers for the implementation of NAMs in human health risk assessment*

**Lothar Aicher**, Swiss Centre for Applied Human Toxicology

10:40 - 11:10  Coffee Break & Poster and Exhibitor viewing

**Session 2**

**National and international 3Rs research**

Chaired by Jenny Sandström, Swiss 3RCC

11:10 - 11:35  *The National Research Programme “Advancing 3R – Animals, research and society” (NRP79)*

**Herwig Grimm**, NRP79 President, University of Vienna

11:35 - 12:00  *FC3R: A French Center for the 3Rs*

**Doris Lou Demy**, FC3R, France

**Session 3**

**Tandem Presentations Biotech-Pharma**

Chaired by Aude Rapet, Swiss 3RCC

12:00 – 12:20  *A patient-derived lung-on-chip to evaluate the risk of cancer immunotherapy induced vascular leak syndrome*

**Nina Hobi**, Alveolix & **Lauriane Cabon**, Roche Institute of Human Biology

12:20 – 12:40  *Together We Are Stronger: 3D tumor spheroids - to enhance innovative anti-cancer therapy development*

**TBA**, InSphero & **TBA**, Molecular Partners
12:40 - 13:00  Human intestinal organoid cultures automation and validation for oncology therapeutics preclinical safety testing  
Nathalie Brandenberg, Doppl & TBA, Roche Institute of Human Biology

13:00 - 14:00  Lunch Break & Exhibitor viewing

14:00 - 14:30  Poster viewing (Presenters please be available at your poster)

**Keynote**  
Chaired by Stéphanie Claudinot, Université de Lausanne

14:30 - 15:20  ITCC-P4: A sustainable platform of molecularly well-characterized PDX models of pediatric cancers for high-throughput drug testing in vivo  
Marcel Kool, University Medical Center Utrecht

15:20 - 15:40  Poster flash presentations of finalists & Poster Award  
Chaired by Paulin Jirkof, University of Zürich

15:40 - 16:10  Coffee Break & Poster and Exhibitor Session

**Session 4**  
3Rs Innovation and Research  
Chaired by Rolf Zeller, 3RCC VP

16:10 - 16:35  Targeting lineage plasticity in prostate cancer  
Wouter Karthaus, EPFL

16:35 - 17:00  Identifying novel regulations of “metastasis” and fine-tuning the invasive colorectal cancer tumor model in Drosophila to enhance screening sensitivity  
Jamie Little, UZH

17:00 - 17:25  Assaying drug response on patient biopsies and screening hundred thousands of antibodies in one go – the magic of microfluidics  
Christoph Merten, EPFL & Baris Atakan, CSEM

17:25 - 17:50  Super Resolution and Live Microscopy for Preclinical Assessment of Adoptive T cell Therapies  
Benita Wolf, CHUV

17:50 - 18:00  Rolf Zeller, 3RCC VP, Closing remarks

18:00-19:30  Apero