

Swiss 3Rs Day 2024

3Rs in Oncology

AGORA Lausanne
June 13th

Auditoire Yves Paternot



3 R Swiss 3R
C C Competence
Centre

Unil
UNIL | Université de Lausanne

EPFL



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 Pharmaceutical Sciences and Institute of Human Biology

12:20 - 12:40

Together We Are Stronger: 3D tumor spheroids - to enhance innovative anti-cancer therapy development

Laure-Anne Ligeon, InSphero & **Gregory Neveu**, Molecular Partners

12:40 - 13:00 **Human intestinal organoid cultures automation and validation for oncology therapeutics preclinical safety testing**
Nathalie Brandenburg, Doppl & **Marc Bickle**, 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

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 - 18:10 **3Rs Awards and Closing remarks**
Rolf Zeller, 3RCC VP

18:10-19:30 **Apero**

