

Swiss 3Rs Day 2024

3Rs in Oncology

AGORA Lausanne
June 13th

Auditoire Yves Paternot



3 R Swiss 3R
Competence
C C 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 & TBA, Roche Pharmaceutical Sciences and Institute of Human Biology

2:20 – 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 Brandenburg, 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

Title TBA

Marcel Kool, University Medical Center Utrecht

15:20 - 15:40

Poster flash presentations of finalists & Poster Award

Chaired by TBA

15:40 - 16:10

Coffee Break & Poster and Exhibitor Session

Session 4

3Rs Innovation and Research

Chaired by TBA

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

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