

Swiss 3Rs Day Conference

Scientific Program

11th October 2022 – Hotel Kreuz Bern

08:30 - 09:15

Registration

09:15 - 09:30

Welcome message

Jenny Sandström, Director, Swiss 3RCC

Armand Mensen, Scientific Officer, Swiss 3RCC

3Rs implementation in practice - Chair: Hanno Würbel (UniBe)

09:30 - 10:00

Digital Ventilated Cage (DVC[®]) - A true home-cage monitoring technology

Raphaël Doenlen, Head of Phenotyping Unit, EPFL, Switzerland

10:00 - 10:30

Refining zebrafish experiments: Importance of behavioural monitoring in welfare assessment

Lynne Sneddon, University of Gothenburg, Sweden

10:30 - 11:00

Coffee break

11:00 - 11:30

Re-homing of small laboratory species at Swiss Universities

Julika Fitz-Rathgen, Schweizer Tierschutz, Switzerland

Paulin Jirkof, UZH, Switzerland

11:30 - 12:00

Embryos derived from tetraploid complementation to study Pitx1 mis-activation in vivo

Guillaume Andrey, University of Geneva, Switzerland

12:00 - 13:00

Lunch break

13:00 - 14:00

Keynote lecture

Chair: Christopher R. Cederroth (3RCC)

Organotypic and microphysiological human tissue models
for translational pharmacology

Volker Lauschke, Karolinska Institutet, Sweden

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3Rs innovation and research - Chair: Laura Suter-Dick (FHNW)

- 14:00 - 14:30 **3D Multi-Organoid Systems for Drug Discovery**
Gregory Segala, Fluosphera SA, Switzerland
- 14:30 - 15:00 **Microphysiological systems**
Adrian Roth, F. Hoffmann-La Roche Ltd, Switzerland
- 15:00 - 16:00 *Poster Session*
- 16:00 - 16:30 **Frontiers in behavioral analysis: More dots, more data, fewer mice.**
Johannes Bohacek, ETH Zürich, Switzerland
- 16:30 - 17:00 **Using *C. elegans* to diversify study models**
Julie Vérièpe, University of Lausanne, Switzerland

Awardees presentations - Chair: Armand Mensen (3RCC)

- 17:00 - 17:15 **Micropipette-guided drug administration in mice**
Urs Meyer, UZH, Switzerland
- 17:15 - 17:30 **Second-generation lung-on-a-chip**
Pauline Zamprogno, ARTORG Center, University of Bern, Switzerland
- 17:30 - 17:45 **The standardization fallacy**
Bernard Voekl, Vetsuisse, University of Bern, Switzerland
- 17:45 - 18:00 **SARS-CoV in the human respiratory epithelium**
Ronald Dijkman, University of Bern, Switzerland
- 18:00 - 18:15 **Poster prize and closure**
Christopher R. Cederroth, Scientific Officer, Swiss 3RCC, Switzerland

Registration below and poster
abstract submission



Poster guidelines:
A0 portrait format

<https://forms.microsoft.com/r/aeVaftekjB>

Registration fees: Chf 150.-
Free for PhD students

Payment before the 1st October
2022 is required to confirm your
participation!

Accredited for 1 Day
Continuing Education!

