

Finnish 3Rs Annual Symposium

University of Oulu, 4-6 November 2024

Kontinkangas campus, Aapistie 5A

organized by:

3R Centre Finland, Fin3R

Animal Welfare Body of Oulu Laboratory Animal Centre

University of Oulu Graduate School



WORKSHOPS

Monday, 4 November 2024 (room 487B)

13.00–16.00 Power analysis – *Petteri Piepponen* (University of Helsinki, Finland)

Tuesday, 5 November 2024 (room 487B)

9.00–12.00 What's in a hypothesis? What are exploratory and confirmatory studies, and why is it important to be able to tell the difference? – *Otto Kalliokoski* (University of Copenhagen, Denmark)



SYMPOSIUM

Tuesday, 5 November 2024 (101A, Leena Palotie Hall)

Session 1

Chair: Mikko Airavaara (University of Helsinki, Finland)

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| 13:15–13:30 | Welcoming words from the organizers |
| 13:30–14:00 | Integrated approaches in toxicology and pharmacology
<i>Dario Greco</i> (University of Tampere, Finland) |
| 14:00–14:30 | Anesthetic influence of cerebrospinal fluid dynamics in rodents
<i>Daniel Persson</i> (University of Helsinki, Finland) |
| 14:30–15:15 | Coffee and Posters |
| 15:15–15:30 | Short oral presentations from abstracts |
| 15:30–16:00 | TBA – <i>Thorsten Buch</i> (University of Zurich, Switzerland) |



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Wednesday, 6 November 2024 (101A, Leena Palotie Hall)

Session 2

Chair: Johanna Englund (University of Helsinki, Finland)

- 9:00-9:35** Refining models of cardiac fibrosis, from mice to dish
Andreas Romaine (University of Oslo, Norway)
- 9:35-10:05** Modelling liver complexity with organoids
Anna Dowbaj (Max Planck Institute of Cell Biology and Genetics, Germany)
- 10:05-10:35** **Coffee Break**

Session 3

Chair: Vootele Voikar (University of Helsinki, Finland)

- 10:35-11:10** The 3Hs initiative: Housing, Handling and Habituation methods for rodents - *Megan Jackson* (University of Bristol, UK)
- 11:10-11:40** Mastering Mouse Habituation and its Effects on Biomedical Research Outcomes - *Julia Swan* (University of Eastern Finland, Finland)
- 11:40- 12:00** Short oral presentations from abstracts
- 12:00-13:30** **Lunch and Posters**

Session 4

Chair: Hanna-Marja Voipio (University of Oulu, Finland)

- 13:30-14:05** TBA
- 14:05-14:35** Refinement of preclinical research - a focus on experimental design - *Gillian Currie* (University of Edinburgh, UK)
- 14:35-15:20** **KEYNOTE:** How common are fraudulent animal studies and how do they impact us? - *Otto Kalliokoski* (University of Copenhagen, Denmark)
- 15:20-15.30** Discussion and closing words

