

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;

Biocenter Oulu; Fibrobesity Profiling Programme;

Health and Biosciences Doctoral Programme, 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 Kalliomäki* (University of Copenhagen, Denmark)

SYMPOSIUM

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

Session 1

Chair: Mikko Airavaara (University of Helsinki, Finland)

13:15-13:30 Welcoming words from the organizers

13:30-14:00 Integrated approaches in toxicology and pharmacology
Dario Greco (University of Tampere, Finland)

14:00-14:30 Anesthetic influence on cerebrospinal fluid dynamics in rodents
Daniel Persson (University of Helsinki, Finland)

Coffee and Posters

15:15-15:30 Short oral presentations from abstracts

15:30-16:00 Breeding of laboratory animals - complexities around simple biology - *Thorsten Buch* (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 <i>Andreas Romaine</i> (University of Oslo, Norway)
9:35-10:05	Modelling liver complexity with organoids <i>Anna Dowbaj</i> (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 - <i>Megan Jackson</i> (University of Bristol, UK)
11:10-11:40	Mastering Mouse Habituation and its Effects on Biomedical Research Outcomes - <i>Julia Swan</i> (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	The LAG-R guidelines, a framework for standardizing and improving laboratory animal genetic reporting - <i>Guillaume Pavlovic</i> (Institut Clinique de la Souris, France)
14:05-14:35	Refinement of preclinical research - a focus on experimental design - <i>Gillian Currie</i> (University of Edinburgh, UK)
14:35-15:20	KEYNOTE: How common are fraudulent animal studies and how do they impact us? - <i>Otto Kallikoski</i> (University of Copenhagen, Denmark)
15:20-15.30	Discussion and closing words