

3rd Luxembourg 3Rs Symposium

Replacement, Reduction and Refinement for Ethical Animal Research



Thursday, 4 December 2025



Luxembourg Learning Centre, Ellipse auditorium
7, Ënnert den Héichiewen, L-4362 Esch-Belval

9:00

Welcome coffee and registration

Session: Refine

10:00 - 10:45

The OBSERVE guidelines for the refinement of rodent cancer models
Stephanie I. De Vleeschauwer, KU Leuven

10:45 - 11:30

Anaesthesia of mice - how do we make best practice our practice?
Prof. Paul Flecknell, Newcastle University

11:30 - 12:00

AI-based anticipation of clinical signs in murine models via home cage monitoring
Stefano Gaburro, Tecniplast

12:00 - 13:00

Lunch Break

Session: Replace

13:00 - 13:45

Caterpillars as Novel Models in Preclinical Science
Dr Anton Windfelder, Fraunhofer-Institut (IME) and Justus-Liebig-Universität Gießen

13:45 - 14:30

Next-generation in vitro cancer systems: a replacement for animal models?
Dr Luis Francisco Lorenzo Martin, Salamanca Cancer Research Center

14:30 - 14:45

Next-Generation In Silico and In Vitro Models to Accelerate Nutrition, Probiotics, and Pharma
Dr Alberto Noronha, NIUM

14:45 - 15:00

Modelling Parkinson's disease with midbrain organoids
Dr Javier Jarazo, OrganoTherapeutics

15:00 - 15:30

Coffee Break

Session: Reduce

15:30 - 16:15

FAIR3R: A Federated FAIR Data Portal to Support the 3Rs in Preclinical Research
Dr Benoit Petit-Demoulière, Institut de Génétique et de biologie moléculaire et cellulaire

16:15 - 17:00

RE-PLACE: a unique Belgian project that centralizes animal-free NAMs in one database
Prof. Axelle Cooreman, Vrije Universiteit Brussel

17:00 - 17:30

Bursting bubbles within the scientific community drives progress in 3R implementation
Dr Roman Stilling, Tierversuche Verstehen

17:30 - 18:00

Closure by: LASC members (University of Luxembourg and Luxembourg Institute of Health), Ulf Nehrbass (Luxembourg Institute of Health), Simone Niclou (University of Luxembourg), Martine Hansen (Ministry of Agriculture), Felix Wildschutz (ALVA)

18:00 - 19:00

Get together