

National Committee for the Protection of Animals used for Scientific Purposes 3Rs Training Event Developments in Replacement

08:30 Registration opens with refreshments

09:45 Welcome address

Session 1: Replacement in Research: Databases, Modelling, and Planning

09:50 – 10:20 Keynote: Updates from EURL ECVAM

10:20 – 10:35 Clinically relevant bench top test systems for evaluating neuro-thrombectomy technologies

10:35 – 11:55 Replacing Animal Research: 'How to know if Replacement opportunities have been fully explored'

10:55 – 11:05 Live Demo: EURL ECVAM Replacement Databases

11:05 – 11:25 Coffee Break

Session 2: Applying replacement technologies

11:25 – 11:55 Keynote: *In vitro* non-animal technologies for respiratory research – Case studies from the Humane Biomedical Research Lab

11:55 – 12:10 'Eggcellent' innovations: Harnessing the Chick Chorioallantoic Membrane (CAM) Xenograft model for Oncology Research

12:10 – 12:40 Keynote: Advancing Disease Modeling, Safety Pharmacology, and Cell Therapy Research Through iPSC Models: Challenges and Opportunities

12:40 – 12:55 Advances in organoid models to replace animals in pancreatic cancer research

12:55 – 13:10 Using genome editing in *C. elegans* to create disease models

13:10 – 13:25 InPharma – an EU funded network focused on developing a fully integrated, animal-free, end-to-end modelling approach to oral drug product development

13:25 – 14:05 Lunch

Workshop Breakout Sessions:

1. Data Repositories
2. Cell Technologies
3. Computational / Predictive *in silico* modelling
4. Use of lower or non-sentient or non-protected stage animals
5. Promoting Replacement through Psychological safety / Culture of Care

15:05 – 15:15 Coffee Break

Workshop Sharing Session

15:15 – 16:00 Return to main hall for discussion, information sharing, questions

16:00 Close