



National Centre
for the Replacement
Refinement & Reduction
of Animals in Research



GW4 3Rs Symposium 2023

6 December 2023, Cardiff University (exact location provided to registrants)

Bringing together researchers and animal technologists from across GW4, this symposium will provide an opportunity for individuals to showcase their 3Rs (replacement, refinement and reduction of animals in research) initiatives and to share ideas and opportunities to further implement the 3Rs leading to better quality research. Additionally, the day will provide opportunities for networking with staff from the NC3Rs and across the Universities of Bath, Bristol, Cardiff and Exeter.

Draft Agenda

<u>Time</u>	<u>Session Content</u>
10.00 – 10.30	Registration and refreshments
10.30 – 10.35	Welcome and introduction Professor Ian Weeks, Establishment Licence Holder, Cardiff University
10.35 – 11.55	University showcase talks <ul style="list-style-type: none"> ▪ Are zebrafish embryo xenografts a suitable replacement model to study cancer progression? Dr Ute Jungwirth and Dr Gernot Walko, University of Bath ▪ PROTACs as a tool to generate specific protein knockouts in human platelets Justin Trory, University of Bristol ▪ Developing a tool to create focal effects on tissue slice culture and its expansion to other groups around the world. Dr Ben Newland, Cardiff University ▪ The past, present and future of <i>in silico</i> infection modelling. Professor Elaine Bignell, University of Exeter
11:55 – 12.55	Parallel discussion sessions for researchers and animal technicians <ul style="list-style-type: none"> ▪ Researchers: <i>Working collaboratively to solve the challenges faced in animal research</i> ▪ Animal Technicians: <i>Compassion fatigue and strategies to cope</i>
12.55 – 13.55	Lunch and poster viewing
13.55 – 14.05	Using microparticles to reduce exposure to systemic immunosuppressants in rodents Dr Mariah Lelos, Cardiff University

14.05 – 14.30	Flash poster talks
14.30 – 14.40	A comprehensive set of Transgenic services offerings at Cardiff University Dr Asif Jeelani, Transgenic Services Manager, Cardiff University
14.40 – 14.55	A dipstick assessment of compliance with the ARRIVE guidelines Dr Michelle Taylor, Facility Biostatistician, University of Bristol
14.55 – 15.20	Refreshments and poster viewing
15.20 – 15.50	AutonoMouse: an automated behavioural system for training Dr Alina-Cristina, Kings College London
15.50 – 16.00	Closing remarks and poster prizes