

## GW4 3Rs Symposium 2022

### 14 September 2022, University of Bath

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. Resources and funding opportunities available from the NC3Rs ([www.nc3rs.org.uk](http://www.nc3rs.org.uk)) will also be highlighted to support university staff in applying the 3Rs to their work. 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 | <b>Registration and refreshments</b>  |
| 10.30 – 10.35 | <b>Welcome and introduction</b><br>Dr Robert Williams, AWERB Chair, University of Bath  |
| 10.30 – 10.50 | <b>NC3Rs Resources: An update</b><br>Dr Jessica Eddy, NC3Rs Regional Programme Manager for GW4  |
| 10.50 – 12.10 | <b>University showcase talks</b> <ul style="list-style-type: none"><li>▪ <b>Repeated anaesthesia in metamorphic zebrafish</b><br/>Professor Robert Kelsh, University of Bath</li><li>▪ <b>Water R: A tool for better management and monitoring of rodent fluid intake</b><br/>Dr Riccardo Avvisati, University of Bristol</li><li>▪ <b>Tissue and organ sharing - an effective way to reduce animal numbers</b><br/>Dr Magdalena Czubala, Cardiff University</li><li>▪ <b>Using flow cytometry to understand the replacement infection model Galleria mellonella</b><br/>Dr Jennie Campbell, University of Exeter</li></ul> |
| 12.10 – 12.40 | <b>3Rs across GW4 facilities</b>  |
| 12.40 – 13.40 | <b>Lunch and poster viewing</b>   |
| 13.40 – 14.05 | <b>Using both sexes in animal experiments</b><br>Dr Nathalie Percie du Sert, NC3Rs  |

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| 14.05 – 14.30 | <b>Aggregating sequencing data in pain research</b><br>Alison Barry, University of Oxford                               |
| 14.30 – 14.50 | <b>Confidence is key: Evaluating enrichment for better animal welfare</b><br>Dr Khia Dobbinson, NC3Rs                   |
| 14.50 – 15.15 | <b>Refreshments and poster viewing</b>  |
| 15.15 – 15.45 | <b>Organ-chip Technology and the role of Mechanobiology</b><br>Professor Martin Knight, Queen Mary University of London |
| 15.45 – 16.00 | <b>Closing remarks and poster prizes</b>  |