



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



University of  
BRISTOL



## GW4 3Rs Symposium 2021

### Agenda

| MAY 25 - SESSION 1 |  |
|--------------------|--|
| 13:30 - 13:35      | <b>Welcome and introduction</b><br>Mrs Lucinda Parr, Establishment Licence Holder, University of Bristol   |
| 13:35 - 13:40      | <b>GW4 Alliance</b><br>Dr Jane Khawaja, Interim GW4 Director   |
| 13:40 - 13:55      | <b>NC3Rs Resources: An update</b><br>Dr Jessica Eddy, Regional Programme Manager (GW4), NC3Rs  |
| 13:55 - 15:15      | <b>University Showcase Talks</b> <ul style="list-style-type: none"> <li>▪ <b>Using computational tools to improve predictions and reduce the number of animals used in osteoarthritis research</b> - Dr Chrissy Hammond, University of Bristol</li> <li>▪ <b><i>Manduca sexta</i>, a very hungry caterpillar and excellent model organism</b> - Professor Jean Van Den Elsen, University of Bath</li> <li>▪ <b>Evaluating novel therapeutic interventions in mitochondrial optic neuropathy utilising mouse <i>ex-vivo</i> cells and tissues</b> - Professor Marcela Votruba, Cardiff University</li> <li>▪ <b>Refinement in tagging wild fish and sharks</b> - Dr Matthew Witt, University of Exeter</li> </ul> |
| 15:15 - 15:30      | <b>Refining the lifetime experience of laboratory rodents</b><br>Professor Emma Robinson, University of Bristol  |
| 15:30              | <b>SESSION 1 CLOSE</b>   |

| MAY 26 - SESSION 2 |   |
|--------------------|---|
| 13:30 - 13:55      | <b>Refinements from GW4 facilities</b>  |
| 13:55 - 14:25      | <b>Poster Presentations (Flash talks and vote)</b>  |
| 14:25 - 14:45      | <b>Reproducibility and the 3Rs</b><br>Dr Nathalie Percie du Sert, Head of Experimental Design and Reporting, NC3Rs  |
| 14:45 - 15:05      | <b>Validating greater time spent inactive but awake in the home cage as a depression-like state indicator in mice</b><br>Dr Carole Furei, University of Bristol |
| 15:05 - 15:25      | <b>PLENARY: New insights into mammalian embryo development from 3D stem cell cultures</b><br>Dr Marta Shahbazi, MRC Laboratory of Molecular Biology             |
| 15:25 – 15:30      | <b>CLOSING REMARKS and POSTER PRIZES</b>  |