# GW4 3Rs Symposium

4 December 2019, University of Exeter

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.

**Agenda**

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| 10:00 – 10.30 | **REGISTRATION and REFRESHMENTS** |
| 10:30-10:35 | **Welcome and introduction**  Professor Neil Gow, Deputy Vice-Chancellor (Research and Impact) & Establishment Licence Holder, University of Exeter |
| 10.35-10.55 | **NC3Rs Resources: An update**  Dr Jessica Eddy, Regional Programme Manager (GW4), NC3Rs |
| 10:55 - 12:15 | **University Showcase Talks**   * **Functional brain imaging in non-protected larval zebrafish: a more 3Rs -friendly way to detect drug-induced seizures** – Dr Matthew Winter, University of Exeter * **Disease in a Dish- Induced pluripotent stem cell derived models and the 3Rs -**   Dr Vasanta Subramanian, University of Bath   * **HiSpots®: An in vitro replacement model for glioblastoma research using primary human cells -** Ms Jo Brown, Cardiff University * **Development and characterisation of a human ex vivo model of aneurysm -** Miss Rosaria Bianco, University of Bristol |
| 12:15 – 12:45 | **Refinements from GW4 facilities** |
| 12:45 - 13:45 | **LUNCH and POSTER VIEWING** |
| 13:45 - 14:15 | **How animal care staff and researchers can work together to support good experimental design**  Dr Nathalie Percie du Sert, Head of Experimental Design and Reporting, NC3Rs |
| 14:15 - 14:35 | **TruLarv Galleria mellonella – a model host for infection studies, toxicity testing and drug development**  Dr Olivia Champion, CEO, Biosystems Technology |
| 14:35 - 14:55 | **An international data crowdsourcing project to investigate aggression in group-housed male laboratory mice**  Dr Mark Prescott, Director of Policy & Outreach, NC3Rs |
| 14:55 - 15:20 | **REFRESHMENTS and**  **POSTER VIEWING** |
| 15:20 - 15:45 | **PLENARY: Small changes making a big difference**  Dr Alex Easton, Durham University |
| 15:45 – 16:00 | **CLOSING REMARKS and POSTER PRIZES** |