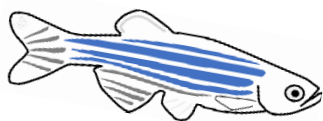
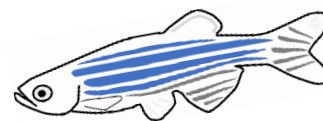


Improving Welfare and Reproducibility in Zebrafish Research



9-11 April 2024



Living Systems Institute (LSI), University of Exeter, UK

[Click here to register](#)

Contact: animalsinscience@rspca.org.uk

| Day 1 | (LSI Western Exchange Hub & LSI Seminar Rooms) |
|--------------------|--|
| 15:00-17:30 | Registration Tours of Aquatic Resources Centre (ARC) |
| 17:30-19:00 | Welcome & Evening Reception |
| 19:00-19:30 | Outputs from NC3Rs Project: Role of water chemistry in zebrafish welfare and reproducibility of research studies Rod Wilson, University of Exeter (LSI Seminar Room) |

On days 2 and 3 each session will start with a **keynote speaker** followed by several shorter talks. Posters will also be available to view during breaks and lunches.

| Day 2 | (LSI Western Exchange Hub & LSI Seminar Rooms) |
|-----------------------------|--|
| 08:30 | Tea/Coffee/Pastries |
| 09:00 (Session 1) | Artificial laboratory conditions & questionable replicability: How could understanding of the natural environment of zebrafish help Robert Gerlai, University of Toronto |
| 10:45 | Break (& Poster Viewing) |
| 11:15 (Session 2) | Impact of acclimation and environmental enrichment on responses to welfare challenges in zebrafish Lynne Sneddon, University of Gothenburg |
| 13:00 | Buffet Lunch (& Poster Viewing) |
| 14:00 (Session 3) | Use of existing data for better experimental design & reproducibility Chris Lawrence, SmartLabs |
| 15:45 | Break (& Poster Viewing) |
| 16:30-18:00 | Breakout Group Discussions (zebrafish welfare & reproducibility topics – Part 1) |
| 19:00 | Drinks & Dinner (Reed Hall, Exeter Campus) |

| Day 3 (LSI Western Exchange Hub & LSI Seminar Rooms) | |
|--|--|
| 08:30 | Tea/Coffee/Pastries |
| 09:00 (Session 4) | The impact of infectious disease on reproducibility in research Justin Sanders, Oregon State University |
| 10:45 | Break (& Poster Viewing) |
| 11:15 (Session 5) | Strains Carole Wilson, IAT Council Member (formerly UCL) |
| 13:00 | Buffet Lunch (& Poster Viewing) |
| 14:00 (Session 6) | Thermal choice, fever and individual variation in zebrafish Simon Mackenzie, University of Stirling |
| 15:45 | Break (& Poster Viewing) |
| 16:30-18:00 | Breakout Group Discussions (zebrafish welfare & reproducibility topics – Part 2) & Workshop Conclusions |
| 19:00 | Drinks & Dinner (Darts Farm Restaurant - 'A Taste of the West Country') |

Further confirmed talk topics include:

Streamlining zebrafish research: enhancing reproducibility and refinement through automated behavioural protocols

A dipstick assessment of compliance with the ARRIVE guidelines

We would like to thank the following sponsors for their support of this workshop:

Platinum sponsor:  **TECNIPLAST**
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National Centre for the Replacement, Refinement & Reduction of Animals in Research


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group


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Sponsorship spaces are still available: For enquiries, please contact [Gregory Paull](#)