

16th Annual Zebrafish Husbandry Workshop Schedule

Tuesday, February 23

- 8:00 – 8:05** Opening Statement
- 8:05 - 8:25** *Sensing Others: Effect of Social Isolation on the Zebrafish Brain*
Lukas Anneser/Max Planck Institute for Brain Research, Frankfurt am Main
- 8:25 - 8:45** *Understanding Zebrafish Gut Health: Feed, Microbiota, and Immune System*
Adrià López Nadal/Wageningen University and Research/Cell Biology & Immunology Group and Aquaculture & Fisheries Group
- 8:45 – 9:05** *The Effect of Increased Feeding in Proportion to Density on Sex Ratios in Zebrafish*
Lauren Krug/Aquaneering
- 9:05 – 9:30** *Sex and the Tank: Sex as an Important Biological Variable in Zebrafish CNS Research*
Dr. Allan Kalueff/St. Petersburg State University
- 9:30 – 10:00** Break and Chat
All speakers from first session to be available for questions during this time
- 10:00 – 10:30** *Background Genetics and Reproducibility*
Marcus Crim/IDEXX
Christian Lawrence/Boston Children's Hospital
- 10:30 – 10:50** *Standardizing Health Reporting*
JP Mocho/FELASA
- 10:50 – 11:10** *Fundamentals of the Use of Vertebrate Animals in Research in the USA and its Intersection with International Collaboration*
Noé Tirado-Muñiz/DMV, DVM, MS, CPIA/University of Kentucky
- 11:10 – 11:30** *Enrichment Increases Aggression in Zebrafish*
Dr. Penelope J. Watt/University of Sheffield
- 11:30 – 11:50** Chat
All speakers from second session to be available for questions during this time
- 11:50 – 12:00** Closing Statement



Wednesday, February 24

- 9:00 – 9:45** ZHA Annual Meeting
- 9:45 – 10:00** Break and Prep for Breakout Rooms
- 10:00 – 11:00** CONCURRENT SESSIONS
**Sessions limited to 20 participants maximum; must sign up in advance, first come first served
- Session 1: Update on Infectious Diseases and Strategies for Control in Zebrafish Facilities*
Moderators: Michael Kent/Professor/Oregon State University/ZIRC
- Session 2: Larviculture Methodology*
Moderators: Carrie Barton/Zebrafish Facility Manager/Sinnhuber Aquatic Research Laboratory
- Session 3: Zebrafish Facilities. Where To Now?*
Moderator: Bruce Newell/Deakin University
- Session 4: Automation in the ZF Lab*
Moderator: Bruno DeSilva/Kings College London
- Session 5: Refinement to Genotyping Techniques*
Moderator: Dr. Claire Allen/Biological Services Aquarium, The University of Sheffield
- Session 6: Environmental Effects on Zebrafish Sex Ratios: the Role of Epigenetics*
Moderator: Dr. Laia Ribas/Institute of Marine Science, ICM-CSIC, Barcelona
- Session 7: One Fish Two Fish, Bred Fish, Whose Fish? Using Databases Within a Zebrafish Facility*
Moderator: Sarah Wheatley/The Francis Crick Institute
- Session 8: Do It Yourself*
Leonard Burg: SideRack: Marc Tye: Fish Feeder; Jim Burris: Fish Trap
- Session 9: Core Services: Benefits, Considerations, and Communications*
Moderator: Diana Baumann/Head, Reptile & Aquatics/Stowers Institute for Medical Research

12:00 Three top session recorded and available for viewing



Thursday, February 25

8:00 – 8:20 *Characterization of the Natural Soundscape of Zebrafish and Comparison with the Captive Noise Conditions*
Rafael Ayala Lara/University of St. Joseph Institute of Science and Environment

8:20 – 8:40 *Evolution of Temperature Tolerance in Zebrafish*
Rachael Morgan/University of Glasgow

8:40 – 9:20 *Feed/Nutrition*
Dr. Steve Watts/University of Alabama Birmingham

9:20 – 9:40 Break and Chat
All speakers from first session to be available for questions during this time

9:40 – 10:00 Moderators from top three recorded sessions available for questions

10:00 – 11:00 Happy Hour
Breakout Sessions
Town Hall