



PROGRAMME

DAY 1 – MONDAY, OCTOBER 29

8:15 AM Registration

9:00 AM Welcome

9:15 AM OPENING LECTURE

Uwe Strähle: Zebrafish in biological and medical research: Science, regulations and networking in the European federalistic system.

10:15 AM Coffee Break

10:45 AM SESSION 1 – MANAGEMENT (Chair: Freek Van Eeden)

Claire Allen: Leadership vs management and why communication is the answer but often the hardest challenge

Catarina Certal: The Dark Side of Zebrafish Facilities: building budgets and calculating charges

Joana Monteiro: Colony Management

Open Discussion

12:30 PM Lunch with poster session

2.30 PM SESSION 2 – DATA AND TECHNOLOGIES (Chair: Ana Catarina Certal)

Stephen Canter: Using data collection and sorting methodologies to start answering all questions within zebrafish husbandry, research, and facility management.

Zoltan Varga: Cryopreservation and Genetic Resource Tracking at the ZIRC

Open Discussion

3.45 PM Tea

4:15 PM PEER REVIEW SESSION (Chair: João Cruz)

S. Martins: A new, easy and reliable cryopreservation protocol for zebrafish sperm

A. Willaert: Rapid genotyping of live zebrafish embryos using the Zebrafish Embryo Genotyper device (ZEG)

N. Ohnesorge: Effects of light-dark cycle on zebrafish embryo development

G. Martins: Nutrition for an adequate skeletal development in zebrafish: an overview

F. Bouallague: Fish food distributor design

M. Milanetto: A manual, clean and precise device for feeding zebrafish

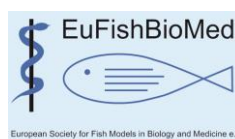
B. Kennedy: SNOOPLEX - an alternative to fin clipping adult zebrafish

A. Rácz: Identification of individual zebrafish (*Danio rerio*): A refined protocol for VIE tagging whilst considering animal welfare and the Three R principles.

V. Candat: A cheap custom-made alarm system for fish facilities based on Raspberry Pi and Arduino

5:45 PM Champalimaud Center and Fish Facility Tour: an integrated health program on-site view

7:30 PM *SUNSET PORT*





DAY 2 – TUESDAY, OCTOBER 30

9 AM Morning Coffee

9:30 AM SESSION 3 – HUSBANDRY I (Chair: Joana Monteiro)

Zoltan Varga: NIH/ORIP Workshop update: Defined Reference Diets for Zebrafish and Other Aquatic Biomedical Research Models and ZIRC Fish Diet Comparison

Isaac Adatto: Effects of rapid growth on zebrafish reproduction

Wilson Pinto: Zebrafish Nutrition And Microdiet Development

11:15 AM Coffee

11:45 AM Networking session - Dietary choices (Chair: Claire Allen)

1:00 PM Lunch with poster session

2:30 PM SESSION 4 – HUSBANDRY II (Chair: Isaac Adatto)

Christian Lawrence: Environmental Summary Reporting: A Tool for Improving the Reproducibility of Zebrafish Studies

J-P Mocho: Zebrafish Health Monitoring: Recommendations from the FELASA-AALAS Working Group

Claire Allen: Community Survey on Parameters and Nutritional Questions

Open Discussion

4:15 PM Coffee

4:45 PM SESSION 5 – RESOURCES (Chair: J-P Mocho)

Freek Van Eden: A CRISPR-interference screening resource

Uwe Strähle: European Zebrafish Resource Centre (EZRC)

Zoltan Varga: Update on Zebrafish International Resource Center Operations

6:15 PM ROUND TABLE: The future of zebrafish research and facilities (Chairs: Christian Lawrence and Zoltan Varga)

7:00 PM Closing Session

8:00 PM Workshop Dinner @Espaço Espelho d'água

