



Sponsored by Aquaneering



Monday, February 10th

Fish Diseases Session– Coordinated by Dr. Michael Kent/Oregon State University

- 8:30– 8:50 Veterinary Evaluation and Management of Common Zebrafish (*Danio rerio*) Diseases as It Relates to Your Colony  
Christine Lieggi/MSK/WCM/HSS
- 8:50 – 9:10 Mycobacteriosis in Zebrafish Facilities - Strategies for Diagnos tic Testing and Interpretation of Results  
Justin Sanders/Oregon State and Katy Murray/University Oregon/ZIRC
- 9:10 – 9:30 In Sickness and In Health: Management Challenges of an Infectious Diseases Lab  
Colleen Al-Samarrie/Oregon State University
- 9:30 – 9:50 Utilizing Droplet Digital : the Secret Weapon to Address Microsprodian Infections in Laboratory Zebrafish  
Corbin Jaid Schuster
- 9:50 – 10:10 A Study of Commercial Zebrafish Suppliers for Comparative Research Studies: Updates  
Sean Spagnoli/Oregon State University
- 10:10 - 10:30 Pseudocapillaria Tomentosa As A Strong Promoter of Intestinal Neoplasms in Laboratory Zebrafish  
Michael Kent/Oregon State

Break

- 11:00 – 12:30 ZHA Annual Meeting  
ZHA Update and Stewardship Award  
Rory Francis/ZHA President  
ZIRC Update  
Katy Murray/ZIRC  
Zebrafish Husbandry Training Update  
Susan Farmer/University of Alabama Birmingham  
WAVMA RACE Veterinary CE  
George Sanders/University of Washington

Lunch

- 1:30 - 1:40 Introduction  
Mark Francis/Aquaneering

ZHA Session – Coordinated by ZHA

- 1:40 - 2:00 Fish Weight: Result or Variable?  
Maurine Hobbs/University of Utah
- 2:00 - 2:20 Genotyping Methods and the 3 Rs  
Claire Allen/Sheffield University
- 2:20 - 2:40 Zebrafish Colony Treatment for Pseudocapillaria Tomentosa Using Fenbendazole Gut-Loaded Artemia Nauplii  
Jim Burris/Duke University
- 2:40 - 3:00 Dymorphology and Locomotor Activity Assessment in Larval Zebrafish (*Danio rerio*)  
Joan Hedge/US EPA
- 3:00 - 3:20 Managing a Multi-User Zebrafish Facility: Collaborations and Compromises  
Christine Archer/University of Colorado AMC
- 3:20 - 3:40 Developing Strategies for Super-Mendelian Inheritance in Zebrafish and Implications for Husbandry Practices  
Tami V. Sanchez/UCSD

Invited Speaker

- 3:40 - 4:00 Emerging and Increasingly Complex Research Endeavors Conducted with Zebrafish (*Danio rerio*) and the Need for Veterinary Care and Oversight  
George Sanders/University of Washington

- 4:15 Meet at Pickup Location for Aquaneering Cocktail Cruise
- 5:15 - 7:15 Aquaneering Cocktail Cruise

Tuesday, February 11th

- 8:30 – 8:55 Management Systems and Recordkeeping  
ZHA-Coordinated Basic Husbandry Unit/Stephen Canter/ZHA
- 8:55 – 9:20 Breeding and Colony Management  
ZHA-Coordinated Basic Husbandry Unit/Claire Allen/Sheffield University
- 9:20 – 9:40 The Timing of First Feeding and Prey Density Impacts Survival in Larval Zebrafish-Rotifer Polycultures  
Amy Kolb/Boston Children's Hospital
- 9:40 – 10:00 Viability of Intact, Pre-Killed Rotifers As an Alternative First Feed for Zebrafish Fry  
Andrew Wegerski/NIH
- 10:00 – 10:30 Break
- 10:30 - 10:50 Customized Feeding Practices in an Academic Zebrafish Core  
Peggy Hubley/Penn State
- 10:50 – 11:20 Diet and Feeding Regimens  
ZHA-Coordinated Basic Husbandry Unit/Maurine Hobbs/University of Utah
- 11:20 – 11:40 Breeding in Boxes, is it Ethical?  
Paul Barwood/University College London
- 11:40 – 12:00 The Effects of Population Density and Environmental Complexity on Aggressive Behavior of Zebrafish  
Ted Plemmons/NIH
- 12:00 – 12:30 Behavior and Welfare Indicators  
ZHA-Coordinated Basic Husbandry Unit/Kathy Snell/University of Oregon

Lunch

General Workshop Session – Coordinated by Aquaneering

Keynote Speaker

- 1:30 – 2:20 Using Technology for Conservation: Zebrafish Embryos to Coral Larvae  
Dr. Mary Hagedorn/Smithsonian Institute/Hawaii Institute of Marine Biology

Contest Winners

- 2:20 – 2:40 Zebrafish Husbandry in a Small Liberal Arts College  
Contest Winner Hyuna Lee/Biola University
- 2:40 – 3:00 Zebrafish Show Stable and Ranked Preferences for Different Environmental Enrichments  
Contest Winner J. Michelle Lavery/University of Guelph

Break

- 3:30 – 3:50 Zebrafish Aquaponics - A Preliminary Assessment of Benefits and Risks of Growing SPF Micro-Greens in a Research Zebrafish Recirculating Rack  
Jeff Wyatt/University of Rochester
- 3:50 – 4:10 Pandas and Python on Juypiter? Data Collection Alternatives for Reliable Research Results  
William James/University of Utah
- 4:10 – 4:30 To Standardise or Not to Standardize – Achievable Reality or Impossible Dream?  
Carole Wilson/University College London
- 4:30 - 5:00 Intrinsic and Extrinsic Factors that Affect the Zebrafish (*Danio rerio*) Model and How to Recognize and Consider Potential Impacts  
Christine Lieggi/MSK/WCM/HSS and George Sanders/University of Washington

Town Hall Meeting - Sponsored by Aquaneering

