

ZEBRAFISH HUSBANDRY WORKSHOP • Aquaculture 2017 • San Antonio

Sponsored by **AQUANEERING**

San Antonio Marriot RiverCenter

Monday February 20 - ZHA ANNUAL MEETING – 11:00 – 12:00

Monday, February 20, 2017

Attendees qualify for 10 CE Credits through AALAS –Please sign in on the Attendance Sheet

FISH DISEASES SESSION– Coordinated by Dr. Michael Kent/ Oregon State U

- 9:30 – 9:45 Transmissible Intestinal Tumors and Links to a *Mycoplasma* sp
Sophie Sichel/U Oregon
- 9:45 – 10:00 Mycobacteria Studies
Chris Whipps/SUNY ESF
- 10:00 – 10:15 Thyroid lesions and Iodine Deficiency
Katy Murray/ZIRC
- 10:15 – 10:30 Emerging and Opportunistic Pathogens of Zebrafish
Marcus Crim/IDEXX
- 11:00 – 12:00 <ZHA ANNUAL MEETING>
- 12:30 – 1:30 Lunch
- 2:00 – 2:45 INTRODUCTION *Mark Francis/Aquaneering*
ZHA UPDATE & Stewardship Award *Dante D'India/ZHA President*
ZIRC UPDATE *Katy Murray/ZIRC*
ZEBRAFISH HUSBANDRY TRAINING UPDATE *Susan Farmer/U Alabama Birmingham*

ZHA SESSION – Coordinated by ZHA

- 2:45 – 3:05 The Effect of Two Feeding Regimens on Juvenile Zebrafish (*Danio rerio*)
Stephen Frederickson/NIH
- 3:05 – 3:25 Zebrafish Facility Management: The Benefits of Undergraduate Student Assistance
Tami V. Sanchez/UCSD
- 3:25 – 3:45 Spreadsheets Don't Label Tanks and Track Stocks. What can a Zebrafish Data System Do For You?
Marc Gervais/DanioData
- 3:45 – 4:05 Protocol for Small-scale Production in Zebrafish Embryos *Danio rerio* for Toxicological Screening
Sonia Alvarado-Rica/Central U of Venezuela
- 4:05 – 4:25 The Importance of Establishing a Cryopreservation Program in The Laboratory
Meghan Aquirre/Cryogenetics
- 4:25 – 4:45 Implementation of a Zebrafish Health Program Contributes to Better Husbandry Practices: Case-Study
Ana Borges/ Instituto Gulbenkian de Ciéncia

Tuesday February 21, 2017

FISH DISEASES SESSION– Coordinated by Dr. Michael Kent/ Oregon State U

- 8:30 – 8:45 Transmission of *Pseudoloma neurophilia* in Zebrafish *Danio rerio* When Using a Mass Spawning Chamber
Samantha Peneyra/MSKCC
- 8:45 – 9:00 Effects of Cryopreservaton on Zebrafish Pathogens
Lauren Norris/Oregon State U
- 9:00 – 9:15 Mycobacteria in Zebrafish
Carolynn Chang/Oregon State U
- 9:15 – 9:30 *M. chelonae* and Impacts on Research Endpoints
Justin Sanders/Oregon State
- 9:30 – 9:45 *Pseudoloma* Prevalence Reduction in a Closed Colony of Endemically Infected Zebrafish
George Sanders/U Washington
- 9:45 – 10:00 Validation Study at Boston Children's Hospital to Determine Optimal Health Monitoring Approach
Megan Finley/FishVet Group
- 10:00 – 10:30 BREAK
- 10:30 – 10:50 Pseudocapillaria and Effects on Microbiome
Michael Kent/Oregon State

GENERAL WORKSHOP SESSION – Coordinated by Aquaneering

- 10:50 – 11:10 From Generation to Generation: Culturing Zebrafish Under Continuous Illumination from Fertilization to Adulthood
MacKenzie Miller/Ohio State U
- 11:10 – 11:30 A New Protocol for Exploring the Potential Growth Rate of Zebrafish Larvae and Juveniles
Thomas Delomas/Ohio State U
- 11:30 – 12:00 Noise and Vibration as Possible Confounds for Research with Aquatic Species
Jeremy Turner/OtoScience Labs
- 12:00 – 12:20 IACUC Findings and Post Veterinarian Monitoring Improve Animal Health and Improve the Facility
Tannia Clark/NIH
- 12:30 – 1:30 LUNCH

KEYNOTE SPEAKER

- 1:30 – 2:45 **The Evolution of the use of Mexican Cavefish in Research**
Dr. Richard Borowsky/New York University
- 2:45 – 3:30 **Research and Conservation: Mexican, Chinese and Texan Cavefish**
Dante Fenolio/San Antonio Zoo
- 3:30 – 3:45 BREAK
- 3:45 – 4:05 AALAS has options for all sectors of the Zebrafish Husbandry Community
- 4:05– 4:30 LAMA and the Zebrafish Husbandry Community
Anne Murray/LAMA
- 4:45 – 6:30 **TOWN HALL MEETING - NIH ORIP and Aquatic Husbandry Community Session**
The Town Hall Meeting is sponsored by Aquaneering, FishVet Group, IDEXX, Skretting, and Zeigler



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