

ZEBRAFISH HUSBANDRY WORKSHOP at AQUACULTURE 2019

March 8 - 9, 2019
New Orleans, Louisiana

Sponsored
by
AQUANEERING

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FRIDAY, MARCH 8

11:00 – 12:00 **ZHA ANNUAL MEETING**

12:30 – 1:30 **ZHA ANNUAL LUNCHEON**

2:00 – 2:45
Introduction
Mark Francis/Aquaneering
ZHA Update and Stewardship Award
Claire Allen/ZHA President
ZIRC Update
Katy Murray/ZIRC
Zebrafish Husbandry Training Update
Susan Farmer/University of Alabama at Birmingham
WAVMA Race Veterinary CE
George Sanders/University of Washington

2:45 – 3:05
Sex and Nutritional History Affect Stress Response Behaviors of the Zebrafish Danio Rerio
JC Taylor/University of Alabama at Birmingham

3:05 – 3:25
The Effect of Increased Feeding in Proportion to Density on Sex Ratios in Zebrafish
Lauren Krug/Harvard University

3:25 – 3:45
Diet and Housing Density Effects On Reproductive Success in the Zebrafish Danio Rerio
Amy Kolb/Boston Children's Hospital

3:45 – 4:05
Characterization of Metals and Metalloids in Zebrafish Systems
Xavier Langa/University of Bern

4:05 – 4:25
A Novel Ingredient for Zebrafish Diets: Single Cell Protein
Stephen Watts/University of Alabama at Birmingham

4:25 – 4:45
Metomidate as a Euthanasia Agent for Zebrafish
Susan Farmer & Simone Seay/University of Alabama at Birmingham

Attendees
qualify for 10
CE credits
through
AALAS

Please sign
in on the
attendance
sheet.

ZHA SESSION
Coordinated by ZHA

SATURDAY, MARCH 9

**BASIC HUSBANDRY
SESSION**

Coordinated by
Aquaneering
Chaired by Dante
D'India/Seattle
Children's Hospital

8:30 – 9:00
Water Quality – Maintenance and Monitoring
George Sanders/University Of Washington

9:00 – 9:30
Feeding
Rory Francis/Danio Lab

9:30 – 10:00
Quarantine
Stephen Canter/Aquaneering

10:00 – 10:20 **BREAK**

**FISH DISEASES
SESSION**

Coordinated by
Dr. Michael Kent/
Oregon State
University

10:20 – 10:40
Transmission Dynamics of Pseudocapillaria Tomentosa and the Implications on Detection
Justin Sanders/Oregon State University

10:40 – 10:55
Update On the Use of Emamectin for Treating Pseudocapillaria
Michael Kent/Oregon State University

10:55 – 11:15
The Role of Biofilms in Mycobacteriosis in Zebrafish
Chris Whipps/SUNY Environmental Science

11:15 – 11:35
Transmission of Mycobacterium spp. to Zebrafish through Three Live Feeds
Carolyn Chang/Louisiana State University

11:35 – 11:55
Buyer Beware: A Survey of Commercially-Sourced Zebrafish Utilized in Neurobehavioral Research
Sean Spagnoli/Oregon State University

11:55 – 12:15
Emerging Viral Infections of Laboratory Zebrafish
Marcus Crim/IDEXX

12:15 – 12:35
Health Assessment of Individual Fish in Tanks
Tannia Clark/NIH

12:35 – 1:30 **LUNCH**

**GENERAL
WORKSHOP
SESSION**

Coordinated by
Aquaneering

1:30 – 2:00
FELASA-AALAS Fish Health Working Group Update
JP Mocho/Joint Production System Ltd

2:00 – 2:20
Acclimation of Zebrafish to Transport Stress
Anusha Dhanasiri/Nord University

2:20 – 2:40
Anticipate the Unexpected: When Disaster Strikes
Christopher Green/Louisiana State University

2:40 – 3:10 **BREAK**

**GENERAL
WORKSHOP
SESSION cont.**

Coordinated by
Aquaneering

3:00 – 3:30
Environmental Factors and How They Affect Adult Zebrafish Behaviors
Allan Kalueff/Southwest University (China)/St. Petersburg University

3:30 – 4:00
ORIP Rigor Efforts Update
Chris Lawrence/ Boston Children's Hospital
Steve Watts/University of Alabama at Birmingham

**KEYNOTE
SPEAKER**

4:00 – 5:00
Preproducibility: What May We, With Advantage, Omit?
Dr. Philip Stark/University of California, Berkeley

**TOWN HALL
MEETING**

Sponsored by
Aquaneering

5:00 – 6:30
Research and Husbandry are International Endeavors