

ZEBRAFISH HUSBANDRY WORKSHOP – Aquaculture 2015 – New Orleans

Friday February 20th - ZHA ANNUAL MEETING - Mardi Gras A Room - 11:00–12:00 followed by Lunch 12:00-1:00

Friday February 20th, 2015

New Orleans Marriott – Mardi Gras A Room

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

1:30 – 2:00 INTRODUCTION Mark Francis/Aquaneering
ZHA UPDATE Jim Burris/ZHA President
Stewardship Award
ZIRC UPDATE Zoltan Varga/ZIRC

ZHA Sponsored Session

2:00 – 2:20 **Surveying Zooplankton Populations to Measure Mechanical Filtration Effectiveness**
Dan Castranova/Charles River-NIH

2:20 – 2:40 **Environmental Influence on the Fecundity and Fertility of Zebrafish (*Danio rerio*)**
Lemnique Wafer/UT HSC Houston

2:40 – 3:00 **Effects of Domestication on the Reproductive Success of *Danio rerio***
Dante D'India/Harvard

3:00 – 3:20 **Adult Feeding Regimens Alter Larval Zebrafish (*Danio rerio*) Phenotypes**
Jennifer Strykowski/Charles River NIH

3:30 – 4:00 **BREAK**

4:00 – 4:20 **Dietary Lysine Requirements for Juvenile and Adult Zebrafish *Danio rerio***
Marc Tye/U Minnesota

4:20 – 4:45 **Evaluation of Commercial Diets in the Zebrafish *Danio rerio***
Steve Watts/University of Alabama at Birmingham

4:45 – 5:00 **Community Questionnaire**

Saturday February 21st 2015

FISH DISEASES PART I – Coordinated by Dr. Michael Kent

8:30 – 8:50 **Detection and Management of Edwardsiellosis in Zebrafish**
John Hawke

8:50 – 9:10 **Building Better Behavioral Models Means Managing Microsporidiosis: *Pseudoloma neurophilia* infection influences behavior in adult Zebrafish (*Danio rerio*)**
Sean Spagnoli/ZIRC

9:10 – 9:30 **A Comparison of Antemortem and Environmental Sample Types for Detecting Multiple Zebrafish Pathogens by Real-Time PCR**
Marcus Crim/IDEXXBioResearch

9:30 – 9:50 **Medaka and Zebrafish as Companion Infection Systems for Modeling Chronic and Acute Mycobacteriosis**
Don Ennis/U Louisiana

9:50 – 10:10 **Eliminating *Pseudocapillaria tomentosa*: What are your Options?**
Chereen Collymore/U Toronto

10:10 – 10:30 **BREAK**

WORKSHOP

10:30 – 10:50 **Update: AALAS for Aquatics Users**
Nicole Duffee/AALAS

10:50 – 11:10 **An Update on the Zebrafish Husbandry Education Course and Hands-on Training**
Hugh Hammer/Gadsden State Community College

11:10 – 11:30 **Fish Welfare: From Aquatics to Academics**
Hamish Rodger/Fish Vet Group

11:30 – 11:50 **Successful Elimination of Live Food from a High Production Zebrafish Facility**
Carrie Barton/Oregon State U

11:50 – 12:10 **The Impact of Infectious Diseases on Research Results**
Christine Lieggi/MSKCC

FISH DISEASES PART II – Coordinated by Dr. Michael Kent

12:10 – 12:30 **The Impact of Chronic Infections on Cytokine Response of Zebrafish**
Justin Sanders/Oregon State U

12:30 – 1:30 **LUNCH**

FISH DISEASES PART II *continued* – Coordinated by Dr. Michael Kent

1:30 – 1:50 **Efficacy of Surface Disinfection Agents Against *Mycobacterium* species**
Chris Whipps/SUNY

1:50 – 2:15 **Transmission of a Common Intestinal Tumor in Zebrafish**
Michael Kent/Oregon State U

KEYNOTE SPEAKER

2:15 – 3:30 **Modeling Stress in Zebrafish: From Husbandry Concerns to Studying Complex Human Brain Disorders**
Alan V. Kalueff/ZENEREI Institute and the International Zebrafish Neuroscience Research Consortium (ZNRC)

3:30 – 4:00 **BREAK**

4:00 – 4:20 **Why? What? Who? & How? An OLAW Overview.**
Doreen Bartlett/NIH

4:20 – 4:40 **IACUC Challenges for Aquatics in a Mammalian Oriented World**
Monte Matthews/U Oregon

4:45 – 6:30 **TOWN HALL MEETING - Balconies I,J,K**

