

ZEBRAFISH HUSBANDRY WORKSHOP • Aquaculture 2018 • Las Vegas

Sponsored by **AQUANEERING**

Paris Las Vegas CONCORDE B

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

Tuesday February 20, 2018

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

11:00 – 12:00 <ZHA ANNUAL MEETING>

12:30 – 1:30 Lunch

2:00 – 2:45	INTRODUCTION	<i>Mark Francis/Aquaneering</i>
	ZHA UPDATE & Stewardship Award	<i>Ana Catarina Certal/ZHA President</i>
	ZIRC UPDATE	<i>Katy Murray/ZIRC</i>
	ZEBRAFISH HUSBANDRY TRAINING UPDATE	<i>Susan Farmer/U Alabama Birmingham</i>
	WAVMA RACE Veterinary CE	<i>George Sanders/U Washington</i>

ZHA SESSION – Coordinated by ZHA

2:45 – 3:05	A Low Cost Method of Skin Swabbing for Collection of DNA Samples from Small Laboratory Fish <i>Carl Breacker/University of Leicester</i>
3:05 – 3:25	A Burgeoning New Fish Model: The Science and Husbandry of the Mexican Cavefish <i>Astyanax mexicanus</i> <i>Dan Castranova/NIH</i>
3:25 – 3:45	Development of a Novel Sperm Ultra-Fast Freezing Cryopreservation Procedure <i>Ana Catarina Certal/Champalimaud Center for the Unknown</i>
3:45 – 4:05	The Laboratory Zebrafish Environment in 2017: Community Survey Results <i>Dante Michael D'India/Harvard Medical School</i>
4:05 – 4:25	Food Conversion Ratios: A Strategy for Food Substitutions <i>Maurine Hobbs/University of Utah</i>
4:25 – 4:45	Tipping the Scale in our Favor: How Body Conditions Scoring, Standardized Health Assessment, and Sentinel Monitoring Can Reduce Disease Burden in a Large Scale non-SPF Facility <i>Lauren Pandolfo/NIH</i>

Tuesday February 21, 2017

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

8:30 – 9:00	Impact of Supplemental Agents on Development and Survival of Chlorine-Sanitized Zebrafish Embryos <i>Samantha Peneyra/New York University Langone Health</i>
9:00 – 9:20	Supersaturation and Gas Bubble Disease in Laboratory Zebrafish <i>Katy Murray/Zebrafish International Resource Center</i>
9:20 – 9:40	Plumbing the Depths: Histology as a Resource for Diagnostics and Discovery <i>Sean Spagnoli/Oregon State University</i>
9:40 – 10:00	Advances in Zebrafish Health Monitoring <i>Marcus Crim>IDEXX</i>
10:00 – 10:30	BREAK
10:30 – 11:00	Update on control of <i>Pseudocapillaria tomentosa</i> in zebrafish facilities <i>Michael Kent/Oregon State</i>

GENERAL WORKSHOP SESSION – Coordinated by Aquaneering

11:00 – 11:20	Emergency Preparedness for Zebrafish Facilities <i>Christine Lieggi/Weill Cornell Medical College</i>
11:20 – 11:40	Buddy Fish <i>Kathy Snell/University of Oregon</i>
11:40 – 12:00	Genotyping Fin Clips at 14dpf <i>Megan Matsutani/University of Southern California</i>
12:00 – 12:20	T.B.D.
12:20 – 1:30	LUNCH

KEYNOTE SPEAKER

1:30 – 2:30 Zebrafish Husbandry: The Behavioral Neuroscientist's Perspective
Dr. Robert Gerlai/University of Toronto Mississauga

2:30 – 3:00	Vaterite Otoliths and Hearing Loss in Farmed Fish <i>Tormey Reimer/Pacific States Marine Fisheries Commission</i>
3:00 – 3:30	Single Cell Proteins as Fish Meal Replacements in Semi-Purified Zebrafish Diets <i>Steve Watts/University of Alabama Birmingham</i>
3:30 – 3:45	BREAK
3:45 – 4:15	Overview of Impacts of Common Pathogens on Research Endpoints <i>Justin Sanders/Oregon State University</i>
4:15 – 4:30	IZFS Intro and Comments
4:30 – 6:30	TOWN HALL MEETING – Maintaining Momentum: Solidifying the Foundation for Identifying and Meeting the Needs of the Zebrafish Research Community

The Town Hall Meeting is sponsored by Aquaneering, FishVet Group, IDEXX, Skretting, and Zeigler



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