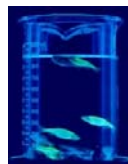


## *Zebrafish: Experimental Methodology, Biology, Care & Maintenance*



**August 22-23, 2006**  
**Germantown, MD**

### **Faculty:**

**Claudia Harper, DVM, Dipl. ACLAM: Senior Veterinarian – Massachusetts General Hospital**

**Chris Obenschain, BS, LATG: Business Development Manager – Marine Biotech<sup>®</sup>**

**Joseph Sillitti, BS, LATG: Project Manager, Charles River Laboratories – NICHD, National Institutes of Health**

**Dan Castranova, BS, LATG: Aquatics Specialist, Charles River Laboratories – NICHD, National Institutes of Health**

**Brianne Lo, BS, LATG: Aquatics Specialist, Charles River Laboratories – NICHD, National Institutes of Health**

### **Workshop Sponsors:**

**Zebrafish Systems provided by Marine Biotech<sup>®</sup>.**

**Microscopy Equipment provided by Carl Zeiss Micro Imaging  
and  
HiTech Instruments Inc.**

### **Course Synopsis/Expectations:**

This workshop is designed as an introduction to Zebrafish and their utilization in the biomedical research laboratory setting. The first day lecture series includes discussions on use of the Zebrafish as an experimental model, biology, health & disease, housing technologies, husbandry practices, handling & restraint and postmortem examination. An optional dinner event is planned the same evening with a guest speaker currently working with Zebrafish. Day two will consist of a four-station, hands-on wet lab where participants will be able to examine and practice common procedures (gill/fin clip, aquaria setup, embryo staging, necropsy) utilized in the care and experimental manipulation of Zebrafish.

**Registration:** \$1200.00 (Course limited to 28 Students)

Your registration fee includes workshop fee and materials, lodging, and meals during the workshop, including the Tuesday evening dinner lecture/dinner.

For more information please contact Charles River Laboratories Customer Service:

**E-Mail:** [csstraining@crl.com](mailto:csstraining@crl.com)

**Phone:** 877.274.8371

## ***Zebrafish Workshop Detailed Schedule***

### **Day 1 (Tuesday, August 22, 2006)**

<b><i>Time</i></b>	<b><i>Topic / Instructor</i></b>
8:15 – 8:30 AM	Transport participants from hotel ( <a href="http://marriott.com/property/propertypage/wasge">http://marriott.com/property/propertypage/wasge</a> ) to Comus Inn
8:30 – 9:00 AM	Registration / Breakfast
9:00 – 9:20 AM	Introduction / Housekeeping (Elton Machholz)
9:20 – 10:05 AM	Experimental Models & Techniques Part I (Dan Castranova)
10:05 – 10:15 AM	Break
10:15 – 11:00 AM	Experimental Models & Techniques Part II (Brianne Lo)
11:00 – 12:00 PM	Systems & Operations (Chris Obenschain)
12:00 – 1:00 PM	Lunch Break
1:00 – 2:00 PM	Husbandry and Care (Joseph Sillitti)
2:00 – 2:15 PM	Break
2:15 – 4:00 PM	Biology, Diseases & Health Management (Claudia Harper)
4:15 – 4:30 PM	Return Participants to Hotel
5:45 – 6:15 PM	Transport Participants from Hotel to Comus Inn
6:15 – 7:00 PM	Social / Cash Bar
7:00 – 7:45 PM	Dinner at Comus Inn ( <a href="http://www.thecomusinn.com">www.thecomusinn.com</a> )
7:45 – 8:30 PM	Guest Speaker
8:45 – 9:30 PM	Return participants to hotel

### **Day 2 (Wednesday, August 23, 2006)**

<b><i>Time</i></b>	<b><i>Topic / Instructor</i></b>
8:30 – 9:00 AM	Breakfast
9:00 – 10:00 AM	Wet Lab Rotation #1
10:00 – 10:10 AM	Break
10:10 – 11:10 AM	Wet Lab Rotation #2
11:10 – 11:20 AM	Break
11:20 – 12:20 PM	Wet Lab Rotation #3
12:20 – 1:20 PM	Lunch Break
1:20 – 2:20 PM	Wet Lab Rotation #4
2:20 – 2:30 PM	Break / Wet Lab Conclusion
2:30 – 3:30 PM	Question & Answer Forum / Workshop Conclusion / Program Evaluation

*Note: Participants will be broken into groups of seven and rotate through each of the four wet lab stations with their team.*

Wet Lab Station #1 – Clinical Evaluation & Necropsy with Claudia Harper

Wet Lab Station #2 – Housing Systems, Care & Maintenance with Chris Obenschain & Joseph Sillitti

Wet Lab Station #3 – Embryo Staging with Dan Castranova

Wet Lab Station #4 – In Vitro Fertilization Techniques with Brianne Lo



# Registration Form

## Zebrafish: Experimental Methodology, Biology, Care and Maintenance

Date: August 22-23, 2006

Registration Deadline: August 8, 2006

Location: Germantown, MD

Contact Information: Please type or print clearly. (Note: A photo ID is required to pick up badge at course.)

First Name										Last Name									

Job Title																			

Company / Institution																			

City										State		ZIP Code			

Phone Number						Fax Number					

E-Mail Address																			

Preferred method for communicating registration confirmation: (check one)

- Phone
- Fax
- E-Mail

### Registration Fee = \$1200.00

Fax the Registration Form to:

Charles River Laboratories  
Attn: Sharon Sheldon  
Fax: (240) 686-4391

Payment Type: (check appropriate box below)

- Check (make payable to Charles River Laboratories)
- Money Order
- Credit Card (please fill in card information below)

Credit Card Account Number – Please include all digits															

Print exact name appearing on credit card \_\_\_\_\_

Expiration Date			

Card Type: \_\_\_\_\_

Signature \_\_\_\_\_

All registration forms must include payment with the form to be processed.

Cancellation Policy: All requests for cancellation/refunds must be received in writing at least 14 days in advance of the event. Requests received within 14 days will be charged a \$25.00 service charge. No-shows will not be eligible for refunds. Registrations are not transferable. Please allow a minimum of 4 weeks for refunds to be processed.