

## **Workshop on Stereotaxic Surgery in the Laboratory Mouse**

May 3-5, 2022, Bar Harbor, ME

### **Monday, May 2, 2022**

- 4:00-6:00 Registration (Highseas 1<sup>st</sup> Floor)  
5:00 Welcome Reception (Highseas 1<sup>st</sup> Floor)  
6:00 Dinner (Highseas 1<sup>st</sup> Floor)

### **Tuesday, May 3, 2022**

- 7:30-8:15 Breakfast (Highseas 1<sup>st</sup> Floor)  
8:15-8:30 Transportation to GRB Training Lab  
8:30-8:45 **Welcome & Introductions**  
Jennifer Corrigan, M.S., The Jackson Laboratory  
8:45-9:45 **Survival Surgery Standards**  
Rebecca LaFleur, DVM, The Jackson Laboratory  
9:45-10:45 **Biomethods**  
Kristen Cough, B.S., and Benjamin Carter, The Jackson Laboratory  
10:45-12:00 **Introduction to Stereotaxic Instruments and Critical Accessories**  
Stereotaxic Instruments (Standard, UltraPrecise, Digital, Digital UltraPrecise and Motorized), Important Accessories (Drill, Light, Magnification and Warmer)  
Richard Mills, Ph.D., Stoelting  
12:00 -1:00 Lunch (Roscoe's)  
1:00-1:45 **Introduction to Your Workstation** (tool attachment, how QSI works, manual controls, entering coordinates, etc) | Richard Mills, Ph.D., Stoelting  
1:45-2:15 **Vernier Scale and Surgical Instruments**  
Andree Lapierre, B.S., The Jackson Laboratory  
2:15-5:00 **Fundamentals of Positioning Animals, Intracranial Injection, Brain Dissection and Lateral Ventricle Target Validation** (Placement in Snout Clamp and Ear Bars, Identifying Bregma, Intracranial Drilling and Microinjection)  
Andree Lapierre, B.S., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting  
5:00-5:15 Transportation to Highseas  
6:00-7:00 Dinner (Highseas 1<sup>st</sup> Floor)

### **Wednesday, May 4, 2022**

- 7:30-8:15 Breakfast (Highseas 1<sup>st</sup> Floor)  
8:15-8:30 Transportation to GRB Training Lab

- 8:30-11:30 **ICVC – Brain Cannulation in Lateral Ventricle** (Cannula Types, Securing Cannulas & Wound Closure)  
Andree Lapierre, B.S., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S.,  
The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 11:45-12:45 Lunch (Roscoe's)
- 1:00-4:15 **Bi-Lateral Brain Cannulation** (Cannula Types, Securing Cannulas and Wound Closure)  
Andree Lapierre, B.S., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S.,  
The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 4:15-4:30 Transportation to Highseas
- 6:00-7:00 Dinner (Highseas 1<sup>st</sup> Floor)

**Thursday, May 5, 2022**

- 7:30-8:15 Breakfast (Highseas 1<sup>st</sup> Floor)
- 8:15-8:30 Transportation to GRB Training Lab
- 8:30-10:30 **Cerebral Spinal Fluid (CSF) Collection**  
Kevin Kane, L.A.T., Leanne Miceli, A.S., Jennifer Corrigan, M.S. and Yayoi Kimura, MBA, The  
Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 10:30-11:45 **Practice and extra time for questions**
- 11:45-12:00 Transportation to Highseas
- 12:00-1:00 Lunch (Highseas 1<sup>st</sup> Floor)
- 1:00-6:00 Free time
- 6:00 Dinner (Highseas 1<sup>st</sup> Floor)

**Friday, May 6, 2022**

- 7:00-9:00 To-Go Breakfast & Check Out  
Participants may remain on the 1<sup>st</sup> floor until 12:00 pm if needed