



# Workshop on Stereotaxic Surgery in the Laboratory Mouse

April 7 – April 11, 2025, Bar Harbor, ME

Schedule subject to change

## Monday, April 7, 2025

- 3:00 – 6:00 pm Registration & Welcome Reception (Highseas 1<sup>st</sup> floor)  
Participants are not permitted to enter Highseas prior to 3:00pm
- 6:00 – 7:00 pm Dinner (Highseas 1<sup>st</sup> floor)

## Tuesday, April 8, 2025

- 7:30 – 8:15 am Breakfast (Highseas 1<sup>st</sup> Floor)
- 8:15 – 8:30 am Shuttle from Highseas to GRB Training Lab
- 8:30 – 8:45 am **Welcome & Introductions**  
Jennifer Corrigan, M.S., Leanne Miceli A.S., The Jackson Laboratory Richard Mills, Ph.D., Stoelting
- 8:45 – 9:45 am **Survival Surgery Standards**  
Hironori Kawano, DVM, The Jackson Laboratory
- 9:45 – 10:45 am **Biomethods**  
Restraint, IP Injection and Subcutaneous injection, JAX Trainers, The Jackson Laboratory
- 10:45 am – 12:00 pm **Introduction to Stereotaxic Instruments, Injector and Drill and other Critical Accessories and Introduction to Work Station** Stereotaxic Instruments, Stereotaxic Injector & Important Accessories (Drill, Light, Magnification and Warmer) Richard Mills, Ph.D., Stoelting, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory
- 12:00 – 1:00 pm Lunch (Roscoe's)
- 1:00 – 1:30 pm **How to Use a Vernier Scale & Mouse Brain Atlas**  
Richard Mills, Ph.D., Stoelting
- 1:30 – 2:00 pm **Fundamentals of Positioning Mice in the Stereotaxic Instrument** (Placement in Snout Clamp and Ear Bars) Leanne Miceli, A.S. and Jennifer Corrigan, M.S.,

Kevin Kane, Hironori Kawano, DVM, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting

2:00 – 4:30 pm      **Intracranial Injection and Lateral Ventricle Target Validation** (Identifying Bregma, Intracranial Drilling and Microinjection)  
Leanne Miceli, A.S. and Jennifer Corrigan, M.S., Kevin Kane, Hironori Kawano, DVM, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting

4:30 pm              Shuttle from GRB Training Lab to Highseas

6:00 pm              Lobster Dinner (Highseas 1<sup>st</sup> Floor)

**Wednesday, April 9, 2025**

7:30 – 8:15 am      Breakfast (Highseas 1<sup>st</sup> Floor)

8:15 – 8:30 am      Shuttle from Highseas to GRB Training Lab

8:30 – 11:45 am    **ICVC – Brain Cannulation in Lateral Ventricle** (Cannula Types, Securing Cannulas & Wound Closure) Kevin Kane, Ryan Day B.S., LATG, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory and Richard Mills, Ph.D., Stoelting

11:45 am – 12:45 pm Lunch (Roscoe's)

12:45 – 4:15 pm    **Bi-Lateral Brain Cannulation** (Cannula Types, Securing Cannulas and Wound Closure) Kevin Kane, Ryan Day B.S., LATG, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory and Richard Mills, Ph.D., Stoelting

4:15 pm              Shuttle from GRB Training Lab to Highseas

6:00 pm              Dinner (Highseas 1<sup>st</sup> Floor)

**Thursday, April 10, 2025**

7:30 – 8:15 am      Breakfast (Highseas 1<sup>st</sup> Floor)

8:15 – 8:30 am      Shuttle from Highseas to GRB Training Lab

8:30 – 10:30 am    **Cerebral Spinal Fluid (CSF) Collection** Kevin Kane, Hironori Kawano, DVM, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory and Richard Mills, Ph.D., Stoelting

10:30 – 11:45 am    **Practice and extra time for questions**

Kevin Kane, Hironori Kawano, DVM, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory and Richard Mills, Ph.D., Stoelting

11:45 am – 12:00 pm Shuttle from GRB Training Lab to Highseas

12:00 – 1:00 pm Lunch (Highseas 1<sup>st</sup> Floor)

1:00 – 6:00 pm Free time

6:00 pm Dinner (Highseas 1<sup>st</sup> Floor)

**Friday, April 11, 2025**

7:00 – 9:00 am To-Go Breakfast

9:00 am Highseas Check Out  
Participants may remain on the 1<sup>st</sup> floor until 12:00 pm if needed