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

August 19-23, 2024, Bar Harbor, ME

Schedule subject to change

**Monday, August 19, 2024**

4:00 – 5:30 pm Registration & Welcome Reception (Highseas 1st floor)

Participants are not permitted to enter Highseas prior to 4:00pm

6:00 – 7:00 pm Dinner (Highseas 1st floor)

**Tuesday, August 20, 2024**

7:30 – 8:15 am Breakfast(Highseas 1st Floor)

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

8:30 – 8:45 am **Welcome & Introductions**

Jennifer Corrigan, M.S., The Jackson Laboratory

8:45 – 9:45 am **Survival Surgery Standards**
 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., 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., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting

4:30 pm Shuttle from GRB Training Lab to Highseas

6:00 pm Lobster Dinner (Highseas 1st Floor)

**Wednesday, August 21, 2024**

7:30 – 8:15 am Breakfast (Highseas 1st 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) 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) 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 1st Floor)

**Thursday, August 22, 2024**

7:30 – 8:15 am Breakfast (Highseas 1st Floor)

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

8:30 – 10:30 am **Cerebral Spinal Fluid** (CSF) Collection 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**

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 1st Floor)

1:00 – 6:00 pm Free time

6:00 pm Dinner (Highseas 1st Floor)

**Friday August 23, 2024**
7:00 – 9:00 am To-Go Breakfast

9:00 am Highseas Check Out

Participants may remain on the 1st floor until 12:00 pm if needed