



Workshop on Stereotaxic Surgery in the Laboratory Mouse

November 12th – 14th
Bar Harbor, ME

Schedule subject to change

Monday, November 11th

- 5:00pm Arrivals
6:00pm Dinner (*Highseas 1st floor*)

Tuesday, November 12th

- 7:00-8:15 Breakfast (Highseas dining room)
8:15-8:30 Shuttle to GRB Training Laboratory (meet in Highseas lobby)
8:30-8:45 Welcome & Introductions
8:45-9:45 Survival Surgery Standards
9:45-10:45 Biomethods
10:45-11:45 Introduction to Stereotaxic Instruments and Critical Accessories
 - Stereotaxic Instruments (Standard, UltraPrecise, Digital, Digital UltraPrecise and Motorized)
 - Important Accessories (Drill, Light, Magnification and Warmer)
11:45-12:45 Lunch (provided)
12:45-2:00 Introduction to Your Workstation (tool attachment, how QSI works, manual controls, entering coordinates, Vernier scale, etc)
2:00-5:00 Fundamentals of Positioning Animals and Intracranial Injection (Placement in Ear Bars and Snout Clamp, Identifying Bregma & Drilling and Microinjections)
5:00 Shuttle back to Highseas
6:00 Dinner (Highseas dining room)

Wednesday, November 13th

- 7:00-8:15 Breakfast (Highseas dining room)
- 8:15-8:30 Shuttle to GRB Training Laboratory (meet in Highseas lobby)
- 8:30-11:30 ICVC – Brain Cannulation in Lateral Ventricle
- Cannula Types
 - Securing Cannulas
 - Wound Closure
- 11:30 - 12:00 Brain dissection and lateral ventricle target validation demonstration
- 12:00-1:30 Lunch (provided)
**Weather permitting: optional hike with lunch to vista point (0.75 mile each way)
- 1:30-4:00 Brain Cannulation Injection and Placement Validation
- 4:00 Shuttle back to Highseas
- 6:00 Dinner (Highseas dining room)

Thursday, November 14th

- 7:00-8:15 Breakfast (Highseas dining room)
- 8:15-8:30 Shuttle to GRB Training Laboratory (meet in Highseas lobby)
- 8:30-12:00 Bi-Lateral Brain Cannulation
- Cannula Types
 - Securing Cannulas
 - Wound Closure
- 12:00-1:00 Lunch (provided)
- 1:00-3:00 Cerebral Spinal Fluid (CSF) Collection (hands-on)
- 3:00-4:00 Practice
- 4:00-4:30 Clean-up & Certificates
- 4:30 Shuttle back to Highseas
- 6:00 Dinner (Highseas dining room)

Friday, November 15th

- 7:00-8:15 Breakfast (Highseas dining room)
- 9:00am Room check-out