



Workshop on Stereotaxic Surgery in the Laboratory Mouse

November 15-19, 2020, Bar Harbor, ME

Sunday, November 15th

- 5:00 Informal Reception: Light refreshments and beverages - (*Highseas 1st floor*)
6:00 Dinner (*Highseas 1st floor*)

Monday, November 16th

- 7:00-8:15 Breakfast (*Highseas 1st floor*)
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
Bonnie Lyons, D.V.M., The Jackson Laboratory
9:45-10:45 Biomethods
Kristin Cough, B.S., The Jackson Laboratory
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)
Richard Mills, Ph.D., Stoelting
11:45-12:45 Lunch (provided)
12:45-1:30 Introduction to Your Workstation (tool attachment, how QSI works, manual controls, entering coordinates, etc)
Richard Mills, Ph.D., Stoelting
1:30-2:00 Vernier Scale and Surgical Instruments
Andree Lapierre, B.S., The Jackson Laboratory
2:00-5:00 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., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting

- 5:00 Shuttle back to Highseas
- 6:00 Dinner (*Highseas 1st floor*)

Tuesday, November 17th

- 7:00-8:15 Breakfast (*Highseas 1st floor*)
- 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 and Wound Closure)
Andree Lapierre, B.S., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 11:30-1:30 Lunch (provided)
**Weather permitting: optional hike to vista point (~1 mile each way)
Richard Mills, Ph.D., Stoelting
- 1:30-4:00 Bi-Lateral Brain Cannulation (Cannula Types, Securing Cannulas and Wound Closure)
Andree Lapierre, B.S., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 4:00 Shuttle back to Highseas
- 6:00 Dinner (*Highseas 1st floor*)

Wednesday, November 18th

- 7:00-8:15 Breakfast (*Highseas 1st floor*)
- 8:15-8:30 Shuttle to GRB Training Laboratory (meet in Highseas lobby)
- 8:30-12:00 Cerebral Spinal Fluid (CSF) Collection
Alison Kieffer, MBA, Jennifer Corrigan, M.S. and Andree Lapierre, B.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 12:00-1:00 Lunch (provided)
- 1:00-3:00 Practice or Free Time
- 3:00-3:30 Clean-up
- 3:30 Shuttle back to Highseas
- 6:00 Dinner (*Highseas 1st floor*)

Thursday, November 19th

- 7:00-8:15 Breakfast (*Highseas 1st floor*)
- 9:00 Room check-out