



Workshop on Stereotaxic Surgery in the Laboratory Mouse

April 14th – 18th, 2019, Bar Harbor, ME

Tuesday, April 14th

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

Wednesday, April 15th

- 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 Biometrics
Kristen 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)
Kevin Kane, L.A.T., Andree Lapierre, B.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting

5:00 Shuttle back to Highseas

6:00 Dinner (*Highseas 1st floor*)

Thursday, April 16th

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. and Jennifer Corrigan, M.S., 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. and Jennifer Corrigan, M.S., The Jackson Laboratory,
Richard Mills, Ph.D., Stoelting

4:00 Shuttle back to Highseas

6:00 Dinner (*Highseas 1st floor*)

Friday, April 17th

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*)

Saturday, April 18th

7:00-8:15 Breakfast (*Highseas 1st floor*)

9:00 Room check-out