



Workshop on Stereotaxic Surgery in the Laboratory Mouse

November 16 - 19, 2020, Bar Harbor, ME

Registered attendees will be provided with breakfast, lunch and to-go dinners on all workshop days. Attendees must adhere to all Institutional and local travel and safety policies.

Workshop Schedule

Monday, November 16th

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| 8:00-8:30 | Arrivals & Breakfast |
| 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 <ul style="list-style-type: none">• 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 |
| 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 |

Tuesday, November 17th

- 8:00-8:30 Arrivals & Breakfast
- 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
- 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

Wednesday, November 18th

- 8:00-8:30 Arrivals & Breakfast
- 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
- 1:00-3:00 **Practice or Free Time**
- 3:00-3:30 Clean-up