

Workshop on Stereotaxic Surgery in the Laboratory Mouse

August 15-19, 2022, Bar Harbor, ME

Monday, August 15, 2022

- 4:00-6:00 Registration (Highseas 1st Floor)
5:00 Welcome Reception (Highseas 1st Floor)
6:00 Dinner (Highseas 1st Floor)

Tuesday, August 16, 2022

- 7:30-8:15 Breakfast (Highseas 1st Floor)
8:15-8:30 Transportation to GRB Training Lab
8:30-8:45 **Welcome & Introductions**
Jennifer Corrigan, M.S., The Jackson Laboratory
8:45-9:45 **Survival Surgery Standards**
Jonathan Lee, DVM, The Jackson Laboratory
9:45-10:45 **Biomethods**
Kristen Cough, B.S., and Angela Begin, MLAS, LVT, RLATg, The Jackson Laboratory
10:45-12:00 **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
12:00 -1:00 Lunch (Roscoe's)
1:00-2:00 **Introduction to Your Workstation and Vernier Scale** (tool attachment, how QSI works, manual controls, entering coordinates, etc)
Richard Mills, Ph.D., Stoelting
2:00-2:15 **Surgical Instruments**
Kevin Kane, L.A.T., The Jackson Laboratory
2:15-5:00 **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., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
5:00-5:15 Transportation to Highseas
6:00-7:00 Dinner (Highseas 1st Floor)

Wednesday, August 17, 2022

- 7:30-8:15 Breakfast (Highseas 1st Floor)
- 8:15-8:30 Transportation to GRB Training Lab
- 8:30-11:30 **ICVC – Brain Cannulation in Lateral Ventricle** (Cannula Types, Securing Cannulas & Wound Closure)
Kevin Kane, L.A.T., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S.,
The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 11:45-12:45 Lunch (Roscoe's)
- 1:00-4:15 **Bi-Lateral Brain Cannulation** (Cannula Types, Securing Cannulas and Wound Closure)
Kevin Kane, L.A.T., Yayoi Kimura, MBA, Leanne Miceli, A.S. and Jennifer Corrigan, M.S.,
The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 4:15-4:30 Transportation to Highseas
- 6:00-7:00 Dinner (Highseas 1st Floor)

Thursday, August 18, 2022

- 7:30-8:15 Breakfast (Highseas 1st Floor)
- 8:15-8:30 Transportation to GRB Training Lab
- 8:30-10:30 **Cerebral Spinal Fluid (CSF) Collection**
Kevin Kane, L.A.T., Leanne Miceli, A.S., Jennifer Corrigan, M.S. and Yayoi Kimura, MBA, The
Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 10:30-11:45 **Practice and extra time for questions**
- 11:45-12:00 Transportation to Highseas
- 12:00-1:00 Lunch (Highseas 1st Floor)
- 1:00-6:00 Free time
- 6:00 Dinner (Highseas 1st Floor)

Friday, August 19, 2022

- 7:00-9:00 To-Go Breakfast & Check Out
Participants may remain on the 1st floor until 12:00 pm if needed