

Workshop on Stereotaxic Surgery in the Laboratory Mouse

March 22-24, 2023, Bar Harbor, ME

Tuesday, March 21, 2023

- 4:00-5:30 pm Registration & Welcome Reception (Highseas 1st floor)
Participants are not permitted to enter Highseas prior to 4:00pm
- 6:00-7:00 pm Dinner (Highseas 1st floor)

Wednesday, March 22, 2023

- 7:30-8:15 am Breakfast (Highseas 1st Floor)
- 8:15-8:30 am Shuttle from Highseas to GRB Training Lab
- 8:30-8:45 am **Welcome & Introductions**
Jennifer Corrigan, M.S., The Jackson Laboratory
- 8:45-9:45 am **Survival Surgery Standards**
Jonathan Lee, DVM, The Jackson Laboratory
- 9:45-10:45 am **Biomethods**
Angela Begin, MLAS, LVT, RLATg, Kristin Cough, B.S. Animal Science, LVT and LATg, The Jackson Laboratory
- 10:45 am-12:00 pm **Introduction to Stereotaxic Instruments and Critical Accessories**
Stereotaxic Instruments (Standard, UltraPrecise, Digital, & Motorized), Stereotaxic Injector & Important Accessories (Drill, Light, Magnification and Warmer)
Richard Mills, Ph.D., Stoelting
- 12:00 -1:00 pm Lunch (Roscoe's)
- 1:00-1:30 pm **How to Use a Vernier Scale & Mouse Brain Atlas**, Richard Mills, Ph.D., Stoelting
- 1:30-2:00 pm **Introduction to Your Workstation and Surgical Instruments** (tool attachment, how Stereotaxic Injector (QSI) works, manual controls, entering coordinates, etc),
Richard Mills, Ph.D., Stoelting and Jennifer Corrigan, M.S., The Jackson Laboratory
- 2:00-4:30 pm **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)
Jonathan Lee, DVM, Kevin Kane, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
- 4:30 pm Shuttle from GRB Training Lab to Highseas
- 6:00 pm Lobster Dinner (Highseas 1st Floor)

Thursday, March 23, 2023

7:30-8:15 am	Breakfast (Highseas 1 st Floor)
8:15-8:30 am	Shuttle from Highseas to GRB Training Lab
8:30-11:30 am	ICVC – Brain Cannulation in Lateral Ventricle (Cannula Types, Securing Cannulas & Wound Closure) Kevin Kane, Yayoi Kimura, MS, SRS, rLATG, Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
11:45 am-12:45 pm	Lunch (Roscoe's)
1:00-4:15 pm	Bi-Lateral Brain Cannulation (Cannula Types, Securing Cannulas and Wound Closure) Kevin Kane, Yayoi Kimura, MS, SRS, rLATG Leanne Miceli, A.S. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
4:15 pm	Shuttle from GRB Training Lab to Highseas
6:00 pm	Dinner (Highseas 1 st Floor)

Friday, March 24, 2023

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

Saturday, March 25, 2023

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