Workshop on Stereotaxic Surgery in the Laboratory Mouse

April 14th – 18th, 2020

Bar Harbor, ME

Schedule subject to change

Tuesday, April 14th

5:00pm	Refreshments - Highseas
6:00pm	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 Terri Iwata, D.V.M., The Jackson Laboratory
9:45-10:45	Biomethods 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

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) Jonathan Wood, B.A., The Jackson Laboratory and 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
5:00	Informal Reception: Light refreshments and beverages (*Highseas 1st floor*)
6:00	Banquet Dinner: Lobster, Steak or Vegetarian (*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, M.B.A., Andree Lapierre, B.S. and Jennifer Corrigan, M.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 (Highesas dining room)
9:00am	Room check-out