



Workshop on Techniques in Modeling Human Cancer in Mice

September 18 – September 25, 2025 | Bar Harbor, ME

Thursday, September 18, 2025

4:30 – 6:00 pm	Registration and reception (Participants may not arrive at Highseas prior to 3:00pm)	Highseas 1 st Floor
6:00 – 7:00 pm	Dinner	Highseas 1 st Floor
7:00 – 8:00 pm	Orientation and Introductions David Threadgill, Ph.D., <i>Texas A & M University</i> , Raquel Sitcheran, Ph.D., <i>Texas A & M University</i> , Douglas Hurst, Ph.D., <i>American Cancer Society</i> , and Jennifer Corrigan, M.S., <i>The Jackson Laboratory</i>	Highseas 1 st Floor

Friday, September 19, 2025

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to JAX Main Entrance	Highseas Lobby
8:45 – 9:45 am	Laboratory Mouse – History, Genetics, Tools, Nomenclature and More David Threadgill, Ph.D., <i>Texas A&M University</i>	Staff Conference Room (Main Lab)
9:45 – 10:00 am	Break	
10:00 – 10:50 am	Introduction to Mouse Necropsy Samantha St. Jean, DVM, MS, DACVP, <i>University of Virginia School of Medicine</i>	Staff Conference Room
10:50 – 12:15 pm	Considerations for Ensuring High-Quality Data from Digital Image Analysis Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	Staff Conference Room
12:15 – 1:30 pm	Lunch	Roscoe's
1:30 – 3:30 pm	Mouse Biomethodology: Handling, Restraint, IP and Tail Vein Injections Angela Begin, MLAS, LVT, RLATg, Ben Carter RALAT, Kristin Cough, B.S., LVT, LATg, Jesse McGowan, Samantha Shaneybrook, <i>The Jackson Laboratory</i>	GRB Training Laboratory
3:30 – 5:00 pm	Necropsy Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	GRB Training Laboratory

5:00 – 5:30 pm	Pathologist AMA (Ask Me Anything): Participants are encouraged to bring FIXED slides for analysis and discussion. <u>Please Note: You are not permitted to bring fresh tissue to the Jackson Laboratory</u> Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i> and Samantha St. Jean, DVM, MS, DACVP, <i>University of Virginia School of Medicine</i>	GRB Training Laboratory
5:30 – 6:00 pm	Transportation from GRB Training Lab to Highseas	GRB 3245
6:00 – 6:45 pm	Dinner	Highseas Dining
6:45 – 7:15 pm	Best Practices in Sampling (Interactive Activity) Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	Highseas 3 rd Floor
7:15 – 8:15 pm	Practices to Promote Rigor and Reproducibility in the Pathology of Preclinical Models Samantha St. Jean, DVM, MS, DACVP, <i>University of Virginia School of Medicine</i>	Highseas 3 rd Floor

Saturday, September 20, 2025

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to JAX Main Entrance	
8:45 – 9:45 am	Survival Surgery Standards (Virtual presentation) Rebecca LaFleur, DVM, <i>The Jackson Laboratory</i>	Staff Conference Room
9:45 – 10:00 am	Break	
10:00 – 11:00 am	Models of Lung Cancer Katerina Politi, Ph.D., <i>Yale University</i>	Staff Conference Room
11:00 – 12:15 pm	Translational Value of Mouse Models of Lung Cancer Margie Clapper, Ph.D., <i>Fox Chase Cancer Center</i>	Staff Conference Room
12:15 – 1:30 pm	Lunch	Roscoe's
1:30 – 4:30 pm	Lung Preparation, Intubation, Fixation, Lavage and Ventilation Margie Clapper, Ph.D., <i>Fox Chase Cancer Center</i> Katerina Politi, Ph.D., <i>Yale University</i>	GRB Training Laboratory
4:30 – 5:00 pm	Transportation from GRB Training Lab to Highseas	GRB 3245
5:00 – 6:00 pm	<i>Free time</i>	
6:00 – 7:00 pm	Dinner	Highseas 1 st Floor
7:00 pm	Models of Colon Cancer David Threadgill, Ph.D., <i>Texas A&M University</i>	Highseas 3 rd Floor

Sunday, September 21, 2025

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to JAX Main Entrance	Highseas Lobby
8:45 – 9:45 am	Intestinal Consequences of Losing Lrig1 and Lrig3 Robert Coffey, MD, <i>Vanderbilt University</i>	Staff Conference Room (Main Lab)
9:45 – 10:00 am	Walk from Staff Conference room to GRB Training Lab	
10:00 – 11:00 am	Rotating Sessions Group 1+2: Endoscopy Techniques Group 3+4: Dissection and Tumor Quantification David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A & M University</i> , and Santina Snow, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
	Switch Groups	
11:00 – 12:00 pm	Group 3+4: Endoscopy Techniques Group 1+2: Dissection and Tumor Quantification David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A & M University</i> , and Santina Snow, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
12:00 – 1:00 pm	Lunch	Roscoes
1:00 – 1:15 pm	Organoid Cultures and Their Utility David Threadgill, Ph.D., <i>Texas A & M University</i>	GRB Training Laboratory
1:15 – 4:00 pm	Preparation of Organoid Cultures and Alternative Delivery Techniques for the Colon David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A & M University</i> and Santina Snow, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
4:00 – 4:30 pm	Transportation from GRB Training Laboratory to Highseas	GRB 3245
4:30 – 4:45 pm	Heterogenous response to ERBB3 inhibition in colorectal cancer Kaitlyn Carter, B.S., <i>Texas A & M University</i>	Highseas 3 rd Floor
4:45 – 6:00 pm	Application of Organoid Systems in Translational Research William Leach, B.S., <i>Texas A & M University</i>	
6:00 – 6:45 pm	Dinner	Highseas Dining
6:45 – 7:00 pm	Group Photo	Highseas Stairs
7:00 – 8:00 pm	Participant Presentations (Bring a 2-3 min PowerPoint of your work or proposed work)	Highseas 3 rd Floor

Monday, September 22, 2025

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to JAX Main Entrance	Highseas Lobby
8:45 – 9:45 am	Cancer Metabolism and Melanoma Biology Phil West, Ph.D., <i>The Jackson Laboratory</i>	Staff Conference Room
9:45 – 10:00 am	Break	
10:00 – 11:00 am	Brain Cancer Models Raquel Sitcheran, Ph.D., <i>Texas A & M University</i>	Staff Conference Room
11:00 – 12:00 pm	Prostate Cancer: Clinical Problems, Research Resources and Opportunities Barbara Foster, Ph.D., <i>Roswell Park Cancer Institute</i>	Staff Conference Room
12:00 – 1:00 pm	Lunch	Roscoe's
1:00 – 3:15 pm	Urogenital Tract Isolation and Prostate Dissection Barbara Foster, Ph.D., <i>Roswell Park Cancer Institute</i>	GRB Training Laboratory
3:15 – 5:30 pm	Stereotaxic Brain Injection and Whole Body Perfusion Raquel Sitcheran, Ph.D., <i>Texas A & M University</i> , Kevin Kane, Jennifer Corrigan, M.S. and Leanne Miceli, A.S., <i>The Jackson Laboratory</i>	
5:30 – 6:00 pm	Transportation from GRB Training Laboratory to Highseas	GRB 3245
6:00 – 7:00 pm	Lobster Dinner	Highseas 1 st Floor
7:00 – 8:00 pm	Participant Presentations (Bring a 2-3 min PowerPoint of your work or proposed work)	Highseas 3 rd Floor

Tuesday, September 23, 2025

At your leisure 7:00 – 8:30 am	Grab and Go Breakfast	Highseas Snack Room
Free time 7:00 – 11:00 am	JAX is surrounded by Acadia National Park and while JAX does not organize free time activities, participants often venture into the National Park and/or enjoy visitor activities in and around Bar Harbor. Individuals interested in doing so are encouraged to bring appropriate clothing & footwear suitable for hiking terrain. Please adhere to park rules and regulations (www.nps.gov/acadia).	
11:00 – 11:15 am	Transportation from Highseas to GRB Training Lab	Highseas Lobby

11:15 – 12:15 pm	Models of Breast Cancer, Mammary Metastasis Models and Use of Cancer Cell Lines Erin Giles, Ph.D., <i>University of Michigan</i>	Staff Conference Room
12:15 - 1:15 pm	Lunch	Roscoe's
1:15 – 3:15 pm	Mammary Gland Palpations, Mammary Gland Whole Mount Preparation, Whole Mount Analysis, Tumor/Fat Pad/Lymph Node Collection Erin Giles, Ph.D., <i>University of Michigan</i> Douglas Hurst, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
3:15 – 3:30 pm	Transportation from GRB Training Lab to Highseas	
3:30pm	Dinner on your own (Free evening)	

Wednesday, September 24, 2025

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to JAX Main Entrance	
8:30 – 9:45 am	Scientific Officer Prospective Douglas Hurst, Ph.D., <i>American Cancer Society</i> Raquel Sitcheran, Ph.D., <i>Texas A & M University</i>	BH Auditorium
9:45 – 12:15 pm	Xenografting and Live Imaging Muneer Hasham, Ph.D., <i>The Jackson Laboratory</i>	BH Auditorium
12:15 -1:15 pm	Lunch	Roscoe's
1:15 - 3:15 pm	Leukemia/Lymphoma Techniques: Spleen Dissection, Splenocyte & Bone Marrow Isolation Quantification of Leukemia model using live imaging software Muneer Hasham, Ph.D., Jennifer Sargent, B.S., Mark Warner and Shawwna Farley, <i>The Jackson Laboratory</i>	GRB Training Laboratory
3:15 – 5:00 pm	Xenografting (Subcutaneous PDX and Kidney Capsule) Kevin Kane, Jennifer Corrigan, M.S., and Leanne Miceli, A.S., <i>The Jackson Laboratory</i>	GRB Training Laboratory
5:00 – 6:00 pm	Transportation from GRB Training Lab to Highseas	GRB 3245
6:00 – 7:00 pm	Dinner	Highseas Dining
7:00 – 8:00 pm	Perspectives Gained and Needed	Highseas 1 st Floor

Thursday, September 25, 2025

7:00am	Grab & Go Breakfast	Highseas Dining
9:00 am	Highseas Room Checkout by 9:00am: Participants may remain on the 1 st floor until noon if needed	

Additional Information

As part of this course, all participants are strongly encouraged to take advantage of the following opportunities:

1. **Bring Fixed Slides:** Part of this workshop includes pathology sessions. Participants are encouraged to bring **FIXED** slides for analysis and discussion. *Please Note: You are not permitted to bring fresh tissue to the Jackson Laboratory.*
2. **Present Your Work:** Participants are strongly encouraged to present their work (or proposed work) during this course. Please bring a very brief PowerPoint presentation (1-2 slides, 2-3 minutes max).