



## 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	<b>Registration and reception</b> (Participants may not arrive at Highseas prior to 3:00pm)	Highseas 1 <sup>st</sup> Floor
6:00 – 7:00 pm	<b>Dinner</b>	Highseas 1 <sup>st</sup> Floor
7:00 – 8:00 pm	<b>Orientation and Introductions</b> David Threadgill, Ph.D., <i>Texas A &amp; M University</i> , Raquel Sitcheran, Ph.D., <i>Texas A &amp; M University</i> , <i>Douglas Hurst, Ph.D., American Cancer Society</i> , and Jennifer Corrigan, M.S., <i>The Jackson Laboratory</i>	Highseas 1 <sup>st</sup> 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	<b>Laboratory Mouse – History, Genetics, Tools, Nomenclature and More</b> David Threadgill, Ph.D., <i>Texas A&amp;M University</i>	Staff Conference Room
9:45 – 10:00 am	Break	
10:00 – 10:50 am	<b>Introduction to Mouse Necropsy</b> Samantha St. Jean, DVM, MS, DACVP, <i>University of Virginia School of Medicine</i>	Staff Conference Room
10:50 – 12:15 pm	<b>Considerations for Ensuring High-Quality Data from Digital Image Analysis</b> Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	Staff Conference Room
12:15 – 1:30 pm	<b>Lunch</b>	Roscoe's
1:30 – 3:30 pm	<b>Mouse Biomethodology: Handling, Restraint, IP and Tail Vein Injections</b> 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	<b>Necropsy</b> Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	GRB Training Laboratory

5:00 – 5:30 pm	<b>Pathologist AMA (Ask Me Anything):</b> Participants are encouraged to bring <b>FIXED</b> slides for analysis and discussion. <u><i>Please Note: You are not permitted to bring fresh tissue to the Jackson Laboratory</i></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	<b>Best Practices in Sampling (Interactive Activity)</b> Hannah Atkins, DVM, Ph.D., DACVP, <i>University of North Carolina</i>	Highseas 3 <sup>rd</sup> Floor
7:15 – 8:15 pm	<b>Practices to Promote Rigor and Reproducibility in the Pathology of Preclinical Models</b> Samantha St. Jean, DVM, MS, DACVP, <i>University of Virginia School of Medicine</i>	Highseas 3 <sup>rd</sup> 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	<b>Survival Surgery Standards</b> (Virtual presentation) Rebecca LaFleur, DVM, The Jackson Laboratory	Staff Conference Room
9:45 – 10:00 am	Break	
10:00 – 11:00 am	<b>Models of Lung Cancer</b> Katerina Politi, Ph.D., Yale University	Staff Conference Room
11:00 – 12:15 pm	<b>Translational Value of Mouse Models of Lung Cancer</b> Margie Clapper, Ph.D., <i>Fox Chase Cancer Center</i>	Staff Conference Room
12:15 – 1:30 pm	<b>Lunch</b>	Roscoe's
1:30 – 4:30 pm	<b>Lung Preparation, Intubation, Fixation, Lavage and Ventilation</b> Margie Clapper, Ph.D., <i>Fox Chase Cancer Center</i> Katerina Politi, Ph.D., Yale University	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 <sup>st</sup> Floor

## **Sunday, September 21, 2025**

7:30 – 8:30 am	Breakfast	Highseas Dining
8:30 – 8:45 am	Transportation from Highseas to GRB Training Laboratory	Highseas Lobby
8:45 – 9:45 am	<b>Models of Colon Cancer</b> David Threadgill, Ph.D., <i>Texas A&amp;M University</i>	Staff Conference Room
10:00 – 11:00 am	<b>Rotating Sessions</b> <b>Group 1+2: Endoscopy Techniques</b> <b>Group 3+4: Dissection and Tumor Quantification</b> David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A &amp; M University</i> , and Santina Snow, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
	<b>Switch Groups</b>	
11:00 – 12:00 pm	<b>Group 3+4: Endoscopy Techniques</b> <b>Group 1+2: Dissection and Tumor Quantification</b> David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A &amp; M University</i> , and Santina Snow, Ph.D., <i>American Cancer Society</i>	GRB Training Laboratory
12:00 – 1:00 pm	<b>Lunch</b>	Roscoes
1:00 – 1:15 pm	<b>Organoid Cultures and Their Utility</b> David Threadgill, Ph.D., <i>Texas A &amp; M University</i>	GRB Training Laboratory
1:15 – 4:00 pm	<b>Preparation of Organoid Cultures and Alternative Delivery Techniques for the Colon</b> David Threadgill, Ph.D., Kaitlyn Carter, B.S., and William Leach, B.S., <i>Texas A &amp; 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	<b>Talk Title TBD</b> Kaitlyn Carter, B.S., <i>Texas A &amp; M University</i>	Highseas 3 <sup>rd</sup> Floor
4:45 – 6:00 pm	<b>Talk Title TBD</b> William Leach, B.S., <i>Texas A &amp; 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	<b>Participant Presentations</b> (Bring a 2-3 min PowerPoint of your work or proposed work)	Highseas 3 <sup>rd</sup> 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	<b>Cancer Metabolism and Melanoma Biology</b> Phil West, Ph.D., <i>The Jackson Laboratory</i>	Staff Conference Room
9:45 – 10:00 am	Break	
10:00 – 11:00 am	<b>Brain Cancer Models</b> Raquel Sitcheran, Ph.D., <i>Texas A &amp; M University</i>	Staff Conference Room
11:00 – 12:00 pm	<b>Prostate Cancer: Clinical Problems, Research Resources and Opportunities</b> 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	<b>Urogenital Tract Isolation and Prostate Dissection</b> Barbara Foster, Ph.D., <i>Roswell Park Cancer Institute</i>	GRB Training Laboratory
3:15 – 5:30 pm	<b>Stereotaxic Brain Injection and Whole Body Perfusion</b> Raquel Sitcheran, Ph.D., <i>Texas A &amp; 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 <sup>st</sup> Floor
7:00 – 8:00 pm	<b>Participant Presentations</b> (Bring a 2-3 min PowerPoint of your work or proposed work)	Highseas 3 <sup>rd</sup> 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 ( <a href="http://www.nps.gov/acadia">www.nps.gov/acadia</a> ).	
11:00 – 11:15 am	Transportation from Highseas to GRB Training Lab	Highseas Lobby

11:15 – 12:15 pm	<b>Models of Breast Cancer, Mammary Metastasis Models and Use of Cancer Cell Lines</b> Erin Giles, Ph.D., <i>University of Michigan</i>	Staff Conference Room
12:15 - 1:15 pm	<b>Lunch</b>	Roscoe's
1:15 – 3:15 pm	<b>Mammary Gland Palpations, Mammary Gland Whole Mount Preparation, Whole Mount Analysis, Tumor/Fat Pad/Lymph Node Collection</b> 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 Maine Entrance	
8:30 – 9:45 am	<b>Scientific Officer Prospective</b> Douglas Hurst, Ph.D., <i>American Cancer Society</i> Raquel Sitcheran, Ph.D., <i>Texas A &amp; M University</i>	BH Auditorium
9:45 – 12:15 pm	<b>Xenografting and Live Imaging</b> Muneer Hasham, Ph.D., <i>The Jackson Laboratory</i>	BH Auditorium
12:15 -1:15 pm	Lunch	Roscoe's
1:15 - 3:15 pm	<b>Leukemia/Lymphoma Techniques: Spleen Dissection, Splenocyte &amp; Bone Marrow Isolation</b> <b>Quantification of Leukemia model using live imaging software</b> 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	<b>Xenografting (Subcutaneous PDX and Kidney Capsule)</b> 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	<b>Perspectives Gained and Needed</b>	Highseas 1 <sup>st</sup> 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 <sup>st</sup> 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).