



## Workshop on Techniques in Modeling Human Cancer in Mice

September 4-11, 2021  
**WORKSHOP SCHEDULE**

*This schedule is subject to change.*

### Sunday, September 4, 2022

<b>4:30pm</b>	<b>Registration and reception</b>	Highseas 1 <sup>st</sup> Floor
<b>5:30pm</b>	<b>Dinner</b>	Highseas 1 <sup>st</sup> Floor
<b>6:15pm</b>	<b>Orientation and Introductions</b> David Threadgill, Ph.D., Texas A & M University, Richard Halberg, Ph.D., University of Wisconsin, & Jennifer Corrigan, M.S., The Jackson Laboratory	Highseas 1 <sup>st</sup> Floor

### Monday, September 5, 2022

<b>8:30am</b>	<b>Laboratory Mouse – History, Genetics, Tools, Nomenclature and More</b> David Threadgill, Ph.D., Texas A&M University	Highseas 3 <sup>rd</sup> Floor
<b>9:30am</b>	<b>Break</b>	
<b>9:45am</b>	<b>Insert Title</b> Stephanie Montgomery, Ph.D., DVM, DACVP, University of North Carolina & Dallas Tissue Research Hannah Atkins, Ph.D., DVM, DACVP, University of North Carolina	Highseas 3 <sup>rd</sup> Floor
<b>12:00pm</b>	<b>Lunch and In Vivo Imaging (Group 1)</b> Jennifer Sargent, B.S., and Muneer Hasham, Ph.D., The Jackson Laboratory (Imaging group #1 will grab a quick lunch then travel to the GRB Training Lab at 12:30. Everyone else will travel to the GRB Training Lab at 1:15.)	Highseas dining area/GRB Training Laboratory
<b>1:30pm</b>	<b>Mouse Biotechnology: Handling, Restraint, IP and Tail Vein Injections</b> Kristin Cough, B.S. Animal Science, LVT and LATg Angela Begin, MLAS, LVT, RLATg, Travis Burpee, The Jackson Laboratory	GRB Training Laboratory
<b>3:15</b>	<b>Insert Title</b> Stephanie Montgomery, Ph.D., DVM, DACVP, University of North Carolina & Dallas Tissue Research	GRB Training Laboratory

Hannah Atkins, Ph.D., DVM, DACVP, University of North Carolina

**5:30pm Travel to Highseas**

**6:00pm Dinner**

Highseas 1<sup>st</sup> Floor

**6:45pm Insert Title** (Cake Pathology Exercise)  
Stephanie Montgomery, Ph.D., DVM, DACVP, University of North Carolina & Dallas Tissue Research  
Hannah Atkins, Ph.D., DVM, DACVP, University of North Carolina

Highseas 3<sup>rd</sup> Floor  
Conf. Room

## Tuesday, September 6, 2022

**6:00am Free Time:** 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](http://www.nps.gov/acadia)).

**10:00am Models of Lung Cancer (Virtual)**  
Katerina Politi, Ph.D., Yale University **not confirmed**

Highseas 3<sup>rd</sup> Floor  
Conf. Room  
(Virtual lecture)

**11:00am Translational Value of Mouse Models of Lung Cancer (Virtual)**  
Margie Clapper, Ph.D., Fox Chase Cancer Center **not confirmed**

Highseas 3<sup>rd</sup> Floor  
Conf. Room  
(Virtual lecture)

**12:00pm Lunch and In Vivo Imaging (Group 2)**  
Jennifer Sargent, B.S., and Muneer Hasham, Ph.D., The Jackson Laboratory  
(Imaging group #2 will grab a quick lunch then travel to the GRB Training Lab at 12:30. Everyone else will travel to the GRB Training Lab at 1:15)

Highseas dining  
area/GRB Training  
Laboratory

**1:30pm Lung Preparation, Injections Intubation and Ventilation**  
Michael Borchers, Ph.D., University of Cincinnati **not confirmed**

GRB Training  
Laboratory

**4:30pm Travel to Highseas**

**6:00pm Dinner**

Highseas 1<sup>st</sup> Floor

**7:00pm Models of Colon Cancer**  
David Threadgill, Ph.D., Texas A&M University

Highseas 3<sup>rd</sup> Floor

## Wednesday, September 7, 2022

**8:00am Predicting Colon Polyp Fate and Response to Therapy**  
Richard Halberg, Ph.D., University of Wisconsin

Highseas 3<sup>rd</sup> Floor  
Conf. Room

**9:00am Travel to GRB Training Laboratory**

**9:30am Rotating Sessions**  
**Group A: Endoscopy Techniques**  
**Group B: Dissection and Tumor Quantification**  
David Threadgill, Ph.D., Texas A & M University, Richard Halberg, Ph.D., and Santina Snow, B.S., University of Wisconsin

GRB Training  
Laboratory

<b>10:30am</b>	<b>Switch Groups</b> <b>Group B: Endoscopy Techniques</b> <b>Group A: Dissection and Tumor Quantification</b>	GRB Training Laboratory
<b>11:30am</b>	<b>Lunch and In Vivo Imaging (Group 3)</b> Jennifer Sargent, B.S., and Muneer Hasham, Ph.D., The Jackson Laboratory (Imaging group #3 will grab a quick lunch then go to the GRB Training Lab at 12:00. Everyone else will return to the training laboratory at 1:00.)	- <i>In-vivo</i> sessions in GRB lab -Lunch at Roscoe's Dining
<b>1:00pm</b>	<b>Organoid Cultures and Their Utility</b> Christina Uribe, Ph.D., Fox Chase Cancer Center	GRB Training Laboratory
<b>1:15pm</b>	<b>Preparation of Organoid Cultures and Alternative Delivery Techniques for the Colon</b> Christina Uribe, Ph.D., Fox Chase Cancer Center Mike McGill, B.S., Texas A & M University	GRB Training Laboratory
<b>4:15pm</b>	<b>Van Transportation to Highseas Conference Center</b>	
<b>6:00pm</b>	<b>Dinner</b>	Highseas 1 <sup>st</sup> Floor
<b>7:00pm</b>	<b>Participant Presentations</b> (Bring a 3-5 min PowerPoint presentation of your work or your proposed work)	Highseas 3 <sup>rd</sup> Floor Conf. Room

**Thursday, September 8, 2022**

<b>10:30am</b>	<b>Models of Breast Cancer, Mammary Metastasis Models and Use of Cancer Cell Lines</b> Erin Giles, Ph.D., University of Michigan	Highseas 3 <sup>rd</sup> Floor Conf. Room
<b>12:00pm</b>	<b>Lunch and In Vivo Imaging (Group 4)</b> Jennifer Sargent, B.S., and Muneer Hasham, Ph.D., The Jackson Laboratory (Imaging group #4 will grab a quick lunch then travel to the GRB Training Lab at 12:30. Everyone else will travel to the GRB Training Lab at 1:15)	- <i>In-vivo</i> sessions in GRB lab -Highseas 1 <sup>st</sup> Floor
<b>1:30pm</b>	<b>Dissection of Mammary Glands, Whole Mount Preparation, Whole Mount Analysis, Mammary Gland Palpations, Tumor/Fat Pad/Lymph Node Collection, Fat Pad Clearing for Mammary Cell Transplantation, Ovariectomy, Isolation of Fat Depots, Orthotopic Injections into the Mammary Fat Pad</b> Erin Giles, Ph.D., University of Michigan Amy Moser, Ph.D., University of Wisconsin	GRB Training Laboratory
<b>4:30pm</b>	<b>Van Transportation to Highseas Conference Center</b>	
<b>6:00pm</b>	<b>Dinner</b>	Highseas 1 <sup>st</sup> Floor
<b>7:00pm</b>	<b>Participant Presentations</b> (Bring a 3-5 min PowerPoint presentation of your work or your proposed work)	Highseas 3 <sup>rd</sup> Floor Conf. Room

**Friday, September 9, 2022**

<b>8:00am</b>	<b>Title TBD</b> (Immuno-oncology: using radiation/molecular therapeutics to drive anti-tumor immune responses) Zachary Morris, M.D., Ph.D., University of Wisconsin	Highseas 3 <sup>rd</sup> Floor
<b>9:00am</b>	<b>Imaging Cancer</b> (Modalities and discussion of hands-on imaging) Muneer Hasham, Ph.D., The Jackson Laboratory	Highseas 3 <sup>rd</sup> Floor
<b>10:15am</b>	<b>Patient Derived Mouse Models of Cancer (PDX)</b> Muneer Hasham, Ph.D., The Jackson Laboratory	Highseas 3 <sup>rd</sup> Floor
<b>11:30am</b>	<b>Lunch</b>	Highseas 1 <sup>st</sup> Floor
<b>1:00pm</b>	<b>Leukemia/Lymphoma Techniques: Lymph Node &amp; Spleen Dissections, Splenocyte &amp; Bone Marrow Isolation</b> Muneer Hasham, Ph.D., Jane Branca, B.S., and Jennifer Corrigan, M.S., The Jackson Laboratory	GRB Training Laboratory
<b>3:00-5:00pm</b>	<b>Xenografting (Subcutaneous PDX and Kidney Capsule)</b> Jonathan Lee, DVM, Jennifer Corrigan, M.S., Leanne Miceli, A.S. and Kevin Kane, B.S., The Jackson Laboratory	GRB Training Laboratory
<b>6:00pm</b>	<b>Dinner</b> <b>Free Evening</b>	

**Saturday, September 10, 2022**

<b>8:30am</b>	<b>Brain Cancer Models</b> ( <i>Virtual</i> ) Raquel Sitcheran, Ph.D., Texas A & M Health Science Center	Highseas 3 <sup>rd</sup> Floor (Virtual lecture)
<b>9:30am</b>	<b>Prostate Cancer: Clinical Problems, Research Resources and Opportunities</b> Renee Vickman, Ph.D., NorthShore University Health System Research Institute	Highseas 3 <sup>rd</sup> Floor
<b>10:30</b>	<b>Travel to GRB Training lab</b>	
<b>11:00pm</b>	<b>Urogenital Tract Isolation and Prostate Dissection</b> Renee Vickman, Ph.D., NorthShore University Health System Research Institute	GRB Training Laboratory
<b>12:30pm</b>	<b>Lunch</b>	Roscoe's Dining Hall
<b>1:30pm</b>	<b>Stereotaxic Intracranial Injection, Brain Isolation, and Whole Body Perfusion</b> Jennifer Corrigan, M.S., and Leanne Miceli, A.S., The Jackson Laboratory, Mike McGill, B.S., Texas A & M University	GRB Training Laboratory
<b>4:30</b>	<b>Travel to Highseas</b>	
<b>6:00</b>	<b>Dinner</b>	Highseas 1 <sup>st</sup> Floor
<b>7:00</b>	<b>Perspectives Gained and Needed</b>	Highseas

**Sunday, September 11, 2022**

**7:00 am - Grab & Go Breakfast & Checkout**

**9:00 am** Participants may remain on the 1<sup>st</sup> floor later than 9:00 if needed.

Highseas 1<sup>st</sup>  
Floor