



Workshop on Techniques in Modeling Human Cancer in Mice

August 30th – September 6th, 2020
WORKSHOP SCHEDULE

This schedule is subject to change.

Sunday, August 30, 2020

4:30pm	Registration and reception	Highseas 1 st Floor
5:30pm	Dinner	Highseas 1 st Floor
6:00pm	Orientation and Introductions David Threadgill, Ph.D., Texas A & M University, Richard Halberg, Ph.D., University of Wisconsin, & Jennifer Corrigan, M.S., The Jackson Laboratory	Highseas 1 st Floor

Monday, August 31, 2020

7:00am	Breakfast	Highseas 1 st Floor
8:15am	Laboratory Mouse – History, Genetics, Tools, Nomenclature and More David Threadgill, Ph.D., Texas A&M University	Highseas 3 rd Floor Conf. Room
9:15am	Van Transportation to GRB Training Laboratory	
9:30am	Mouse Biomethodology: Handling, Restraint, IP and Tail Vein Injection Kristin Cough, B.S., The Jackson Laboratory	GRB Training Laboratory
12:00pm	Lunch Group 1: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:00-12:30 Group 2: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:30-1:00	-Roscoe's lunch -In-vivo sessions in GRB lab

1:00pm	Necropsy Stephanie Montgomery, Ph.D., DVM, University of North Carolina & Ruth Sullivan, V.M.D, Ph.D., University of Wisconsin	GRB Training Laboratory
2:45pm	Break	
3:00pm	Pathology Review (bring your own fixed slides for analysis) Stephanie Montgomery, Ph.D., DVM, University of North Carolina & Ruth Sullivan, V.M.D, Ph.D., University of Wisconsin	GRB Training Laboratory
4:00pm	Van Transportation to Highseas Conference Center	
4:30pm	Visions of Next-Gen Pathology Ruth Sullivan, V.M.D, Ph.D., University of Wisconsin	Highseas 3 rd Floor Conf. Room
6:00pm	Dinner	Highseas 1 st Floor
7:00pm	Pathology Exercise Stephanie Montgomery, Ph.D., DVM, University of North Carolina & Ruth Sullivan, V.M.D, Ph.D., University of Wisconsin	Highseas 3 rd Floor Conf. Room
7:30pm	Tips on Good Specimen Sampling & Fixation Stephanie Montgomery, Ph.D., DVM, University of North Carolina & Ruth Sullivan, V.M.D, Ph.D., University of Wisconsin	Highseas 3 rd Floor Conf. Room

Tuesday, September 1, 2020

7:00am	Breakfast	Highseas 1 st Floor
8:30am	Models of Breast Cancer Amy Moser, Ph.D., University of Wisconsin	Highseas 3 rd Floor Conf. Room
9:30am	Mammary Metastasis Models and Use of Cancer Cell Lines Doug Hurst, Ph.D., University of Alabama at Birmingham	Highseas 3 rd Floor Conf. Room
10:30am	Van Transportation to GRB Training Laboratory	
10:45am	Dissection of Mammary Glands, Whole Mount Preparation, Whole Mount Analysis Amy Moser, Ph.D., University of Wisconsin & Doug Hurst, Ph.D., University of Alabama at Birmingham	GRB Training Laboratory
12:30pm	Lunch Group 3: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:30-1:00 Group 4: Imaging Cancer <i>In-Vivo</i> (hands-on), 1:00-1:30	-Roscoe's lunch -In-vivo sessions in GRB lab
1:30pm	Mammary Gland Palpations, Tumor/Fat Pad/Lymph Node Collection Amy Moser, Ph.D., University of Wisconsin & Doug Hurst, Ph.D., University of Alabama at Birmingham	GRB Training Laboratory
3:30pm	Break	

3:45pm	Fat Pad Clearing for Mammary Cell Transplantation, Orthotopic Injections into the Mammary Fat Pad Amy Moser, Ph.D., University of Wisconsin & Doug Hurst, Ph.D., University of Alabama at Birmingham	GRB Training Laboratory
5:15pm	Van Transportation to Highseas Conference Center	
6:00pm	Dinner	Highseas 1 st Floor
7:00pm	Models of Colon Cancer David Threadgill, Ph.D., Texas A&M University	Highseas 3 rd Floor

Wednesday, September 2, 2020

7:00am	Breakfast	Highseas 1 st Floor
8:30am	Predicting Colon Polyp Fate and Response to Therapy Richard Halberg, Ph.D., University of Wisconsin	Highseas 3 rd Floor Conf. Room
9:30am	Van Transportation to GRB Training Laboratory	
9:45am	Rotating Sessions Group A: Endoscopy Techniques Group B: Dissection and Tumor Quantification David Threadgill, Ph.D., Texas A & M University, Richard Halberg, Ph.D., University of Wisconsin, and Alyssa Leystra, Ph.D., Fox Chase Cancer Center	GRB Training Laboratory
10:45am	Switch Groups Group B: Endoscopy Techniques Group A: Dissection and Tumor Quantification	GRB Training Laboratory
11:45am	Lunch Group 5: Imaging Cancer <i>In-Vivo</i> (hands-on), 11:45-12:15 Group 6: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:15-12:45	-Roscoe's lunch -In-vivo sessions in GRB lab
12:45pm	Organoid Cultures and Their Utility Alyssa Leystra, Ph.D., Fox Chase Cancer Center	B53 ERB 2535 Board Room
1:15pm	Preparation of Organoid Cultures and Alternative Delivery Techniques for the Colon David Threadgill, Ph.D., Texas A & M University, Richard Halberg, Ph.D., University of Wisconsin, Alyssa Leystra, Ph.D., Fox Chase Cancer Center	GRB Training Laboratory
5:30pm	Van Transportation to Highseas Conference Center	
6:00pm	Lobster Dinner Free evening	Highseas 1 st Floor

Thursday, September 3, 2020

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).	
9:00am	Breakfast	Highseas 1 st Floor
10:00am	Models of Lung Cancer Katerina Politi, Ph.D., Yale University	Highseas 3 rd Floor Conf. Room
11:00am	Translational Value of Mouse Models of Lung Cancer Margie Clapper, Ph.D., Fox Chase Cancer Center	Highseas 3 rd Floor Conf. Room
12:00pm	Van Transportation to Roscoe's / GRB Training Lab	
12:15pm	Lunch Group 7: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:15-12:45 Group 8: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:45-1:15	-Roscoe's lunch -In-vivo sessions in GRB lab
1:15pm	Lung Preparation and Injections Katerina Politi, Ph.D., Yale University Margie Clapper, Ph.D., Fox Chase Cancer Center	GRB Training Laboratory
3:00pm	Intubation and Ventilation 1 Katerina Politi, Ph.D., Yale University Margie Clapper, Ph.D., Fox Chase Cancer Center	GRB Training Laboratory
5:00pm	Van Transportation to Highseas Conference Center	
6:00pm	Dinner	Highseas 1 st Floor
7:00pm	Participant Presentations (Bring a 10 min PowerPoint presentation of your work)	Highseas 3 rd Floor Conf. Room

Friday, September 4, 2020

7:00am	Breakfast	Highseas 1 st Floor
8:15am	Patient Derived Mouse Models of Cancer (PDX) Muneer Hasham, Ph.D., The Jackson Laboratory	Highseas 3 rd Floor
9:15am	Van Transportation to GRB Training Laboratory	
9:30am	Leukemia/Lymphoma Techniques: Lymph Node & Spleen Dissections, Splenocyte & Bone Marrow Isolation Muneer Hasham, Ph.D., Jane Branca, B.S., and Jennifer Corrigan, M.S., The Jackson Laboratory	GRB Training Laboratory
12:00pm	Lunch Group 9: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:00-12:30 Group 10: Imaging Cancer <i>In-Vivo</i> (hands-on), 12:30-1:00	-Roscoe's lunch -In-vivo sessions in GRB lab

1:00pm	Imaging Cancer (Modalities and discussion of hands-on imaging) Muneer Hasham, Ph.D., The Jackson Laboratory	B18 LCC Staff Conference
2:00pm	Xenografting (Subcutaneous PDX and Kidney Capsule) Bonnie Lyons, D.V.M., Jennifer Corrigan, M.S., & Andree Lapierre, B.S., The Jackson Laboratory	GRB Training Laboratory
4:30pm	Van Transportation to Highseas Conference Center	
6:00pm	Dinner	Highseas 1 st Floor
7:00pm	Participant Presentations (Bring a 10 min PowerPoint presentation of your work)	Highseas 3 rd Floor

Saturday, September 5, 2020

7:00am	Breakfast	Highseas 1 st Floor
8:15am	Brain Cancer Models Raquel Sitcheran, Ph.D., Texas A & M Health Science Center	Highseas 3 rd Floor
9:15am	Van Transportation to GRB Training Laboratory	
9:30am	Stereotaxic Intracranial Injection, Brain Isolation, and Whole Body Perfusion Raquel Sitcheran, Ph.D., Texas A & M Health Science Center, Jennifer Corrigan, M.S., and Andree Lapierre, B.S., The Jackson Laboratory	GRB Training Laboratory
12:30pm	Lunch	Roscoe's
1:30pm	Prostate Cancer: Clinical Problems, Research Resources and Opportunities Chad Vezina, Ph.D., University of Wisconsin	B18 LCC Auditorium
2:30pm	Prostate Dissection, Prostate Injection and Surgical Orchiectomy Chad Vezina, Ph.D., University of Wisconsin Jennifer Corrigan, M.S., The Jackson Laboratory	GRB Training Laboratory
4:30pm	Van Transportation to Highseas Conference Center	
6:00pm	Dinner	Highseas 1 st Floor
7:00pm	Perspectives Gained and Needed	Highseas 3 rd Floor

Sunday, September 6, 2020

7:00am	Breakfast & Departures Room Check-Out is 9:00am	Highseas 1 st Floor
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