



**Workshop on Surgical Techniques for the  
Laboratory Mouse  
May 7<sup>th</sup> – 12<sup>th</sup>**

**For More Information Contact:  
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**WORKSHOP DRAFT  
(subject to change)**

**Sunday, May 7<sup>th</sup>**

5:00 – 6:30 p.m.  
Registration and Reception - *Highseas*

**Monday, May 8<sup>th</sup> -**

*Breakfast at HighSeas*

*Shuttle Vans to GRB Training Lab*

**GRB Training Lab**

9:00 – 11:30 a.m.

Overview: Mouse handling, Anesthesia, Surgical instruments care and use, Biometrics,  
ACUC regulations - *Joseph Gile., The Jackson Laboratory*

**11:30 – 12:30pm - GRB 3225**

**Lunch**

12:30 – 2:00pm

Castration and Vasectomy- examples, practice

**2:00 – 2:15pm**

**Afternoon Break**

2:15 – 4:00pm - GRB Training Lab

Ovariectomy , Splenectomy and Adrenalectomy - examples, practice

**4:00 – 4:30pm - Clean-up**

Shuttle Back to Highseas

6:00pm - Dinner at Highseas

## **Tuesday, May 9<sup>th</sup>**

Breakfast at HighSeas

*Shuttle Vans to GRB Training Lab*

GRB Training Lab

9:00 – 11:30 a.m.

- Nephrectomy, Thymectomy- examples, practice
- Ovarian Transplant and Embryo Transfer- examples, practice

**11:30 a.m. - 12:30 p.m. GRB 3225**

**Lunch**

12:30 – 2:00 p.m.

Jugular Vein/Carotid Artery cannulations- example, practice

**2:00 – 2:15pm**

**Break**

2:15 – 4:00pm

Stereotaxic Surgery –example, practice

**4:00 – 4:30pm**

**Clean-up**

Shuttle Back to Highseas

6:00pm - Lobster Dinner at Highseas

## **Wednesday, May 10<sup>th</sup>**

Breakfast at HighSeas

*Shuttle Vans to GRB Training Lab*

GRB Training Lab

9:00 – 11:30am

- Mouse Exhibit / practice
  
- Specialized practice

**11:30 a.m. - 12:30 p.m. – GRB 3225**

**Lunch**

12:30 – 2:00pm

Individual practice time, special requests, Island Tour.

**2:00 – 2:15pm**

**Afternoon Break**

2:15 – 3:30pm

Individual practice time - special requests

**4:00 – 4:30pm**

**Clean-up**

Shuttle Back to Highseas

6:00pm Dinner - Highseas

**Thursday, May 11<sup>th</sup>**

Breakfast at HighSeas

*Shuttle Vans to GRB Training Lab*

GRB Training Lab

9:00 - 4:00pm

Introduction of telemetry

- a. History of telemetry – Steve Hachtman
- b. Transmitters and applications – Steve Hachtman

ECG Telemetry Implantation

- c. Speaker on ECG applications of telemetry in murine models - TBD
- d. PowerPoint on Mouse ECG implantation – Dan Huetteman
- e. Demonstration of Mouse ECG implantation – Heather Michelau

**11:30 a.m. - 12:30 p.m.**

**Lunch**

Student implantation of ECG training module

BP Carotid Telemetry Implantation

- f. Speaker on BP applications of telemetry in murine models - TBD
- g. PowerPoint on Mouse Carotid BP implantation – Dan Huetteman
- h. Demonstration of Mouse BP Carotid Surgery – Heather Michelau
- i. Students implantation of BP training module

**4:00 – 4:30pm**

**Clean-up**

Shuttle Back to Highseas

6:00pm Dinner - Highseas

**Friday, May 12<sup>th</sup>**

Breakfast at HighSeas

*Shuttle Vans to GRB Training Lab*

GRB Training Lab

9:00 – 4:00pm

BP Abdominal Telemetry Implantation

- a. PowerPoint on Mouse Abdominal implantation – Dan Huetteman
- b. Demonstration of Mouse abdominal implantation – Heather Michelau
- c. Students implantation of abdominal BP implant

Student repeat implantation

- Abdominal or carotid implantation – their choice.

Optional Additional Procedure demonstration

PowerPoint on other procedures – Dan Huetteman

- Intrapleural pressure implantation
- EEG electrode implantation
- Bladder pressure implantation

**11:30 a.m. - 12:30 p.m. – GRB 3225**

**Lunch**

Demonstration of selected procedure. – Heather Michelau

Telemetry System Demonstration – Dan Huetteman and Heather Michelau

- Data acquisition and system set up.
- Analysis demonstration with implanted animals.

Recap of implantation learning

- What went right
- What went wrong
- What needs more learning

**4:00 – 4:30pm**

**Clean-up**

Shuttle Back to Highseas

6:00pm Dinner - Highseas

**Saturday, May 13<sup>th</sup>**

8:00- 9:30 Breakfast - Highseas

Lodging Check out