



Workshop on Colony Management: Principles and Practices
December 2-6, 2007

Workshop Agenda

For more information, please contact erin.mcdevitt@jax.org

All lectures to be held in the Highseas 3rd Floor Conference room unless stated otherwise.

Sunday, December 2nd

PM

4:30 – 7:00 Registration with Buffet at Highseas Conference Center

Monday, December 3rd

8:00 –9:00 Breakfast and Late Registration

9:00 –9:15 Announcements

9:15 – 10:45 **Back to the Future - From Fancy Mice to Mendel: A Mouse Genetics Primer**
John Macauley, Ph.D., The Jackson Laboratory

10:45 – 11:45 **Mouse Genetics and Strain Nomenclature: What's in a Name**
Jennifer Corrigan, M.S., The Jackson Laboratory

11:45– 1:00 Lunch, Highseas Dining Room

1:00 – 2:30 **Colony Set-up and Breeding Strategies**
Technical Information Scientist TBA, Ph.D., The Jackson Laboratory

2:30 – 3:00 **Genetic Background Effects on Phenotype**
Technical Information Scientist TBA, Ph.D., The Jackson Laboratory

3:00 – 3:30 Break

- 3:30 – 4:30** **Reproductive Biology of the Laboratory Mouse**
Rob Taft, Ph.D., The Jackson Laboratory
- 4:30 – 5:30** **Using Assisted Reproductive Technologies (ARTs) to Rederive, Rescue, and Rapidly Expand Colonies**
Shannon Byers, M.S., The Jackson Laboratory
- 5:30– 6:00** **Cocktails & Hors d’oeuvres**
- 6:00** **Dinner, Highseas Dining Room**

Tuesday, December 4th

- 8:00 - 9:00** **Breakfast**
- 9:00 – 10:00** **Cryopreservation: A Cool Approach to Colony Management**
G. Charles Ostermeier, Ph.D., The Jackson Laboratory
- 10:00 - 10:45** **Practical Guidelines for Maintaining Mouse Health**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 10:45 – 11:15** **Break**
- 11:15 – 12:00** **Practical Guidelines for Maintaining Mouse Health, *continued***
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 12:00 – 1:15** **Lunch, Highseas Dining Room**
- 1:30 – 3:00** **Recovering from Disease Outbreaks**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 3:00 – 3:15** **Break**
- 3:15 – 4:14** **Guidelines for Production Colony Construction and Maintenance**
Dorcas Corrow, B.S., L,A,T,G., Retired from The Jackson Laboratory
- 4:15 – 5:15** **Nutritional Aspects of Maintaining Animal Health and Phenotype**
Dorrance Haught, Ph.D., Purina Mills, Inc.
- 5:15 – 6:00** **Cocktails & Hors d’oeuvres**
- 6:00** **Dinner, Highseas Dining Room**

Wednesday, December 5th

8:00-9:00 **Breakfast**

9:00 – 10:00 **Genetic Quality Control**
Ray Vonder Haar, Ph.D., The Jackson Laboratory

10:00 – 11:00 **Facility Design**
Rick Burne, The Jackson Laboratory

11:00 – 12:00 **Tracking and Maintaining Colony Management Data: Why You Should Use a Computer Database**
Charles Donnelly, B.S., The Jackson Laboratory

12:00 – 1:15 **Lunch, Highseas Dining Room**

1:15 – 3:15 **Optional Workshop: Introduction to Jax Colony Management System (JCMS) Computer Software**
Charles Donnelly, B.S., The Jackson Laboratory
Larry Wilson, The Jackson Laboratory
Abigail Ames, The Jackson Laboratory
*Sign Up Required

3:15-5:30 **Free time**

5:30-6:00 **Cocktails & Hors d'oeuvres**

6:00 – 7:00 **Lobster Dinner, Highseas Dining Room**

Thursday, December 6th

8:00-9:00 **Breakfast**

9:00 – 10:00 **Publicly Available Electronic Resources for Mouse Geneticists**
Stephen Rockwood, B.S., The Jackson Laboratory

10:00 – 10:15 **Break**

10:15 – 12:00 **Web-Based Resources for Mouse Researchers (hands-on)**
David Shaw, M.S., The Jackson Laboratory,
Susan McClatchy, M.S., The Jackson Laboratory,
Paul Szauter, Ph.D., The Jackson Laboratory,
Stephen Grubb, M.S., The Jackson Laboratory

12:00 – 1:15 **Lunch, Highseas Dining Room**

- 1:30 – 3:30** **Optional Workshop: Biomethods (Group 1)** at GRB Training Laboratory
Kristin Cough, B.S., The Jackson Laboratory
**Sign Up Required/See Shuttle Schedule*
- 3:45 – 5:45** **Optional Workshop: Biomethods (Group 2)** at GRB Training Laboratory
Kristin Cough, B.S., The Jackson Laboratory
**Sign Up Required/See Shuttle Schedule*