



Workshop on Colony Management: Principles and Practices *December 3 - 7, 2006*

Workshop Agenda

For more information, please contact Nancy.Place@jax.org

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

Sunday, December 3rd

PM

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

Monday, December 4th

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 – 2:00 **Breeding Strategies, Trouble Shooting and Rescuing**
Cathy Lutz, Ph.D., The Jackson Laboratory

2:00 – 3:00 **Strain Effects on Phenotype**
Cathy Lutz, Ph.D., The Jackson Laboratory

3:00 – 3:30 Break, room 304

3:30 – 4:30 **Reproductive Biology of the Laboratory Mouse**
Shannon Byers, M.S., R.L.A.T.G., The Jackson Laboratory

- 4:30 – 5:30** **Using Assisted Reproductive Technologies (ARTs) to Rederive, Rescue, and Rapidly Expand Colonies**
Shannon Byers, M.S., R.L.A.T.G., The Jackson Laboratory
- 6:00** **Dinner, Highseas Dining Room**

Tuesday, December 5th

- 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, room 304**
- 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**
- 1:15 – 1:30** **Shuttle vans to GRB for Optional Biomethods Workshop**
 (Those who do not want to attend this optional workshop have free time)
- 1:30 – 5:30** **Optional Workshops: Biomethods, GRB Training Laboratory**
Joe Gile, B.A., The Jackson Laboratory
- 3:00 – 3:30** **Shuttle van pick up at GRB & returning to Highseas for 3:30 workshop**
 (People who want more Biomethods work can stay at the GRB until the 5:30 shuttle)
- 3:30 – 4:30** **Optional: Recovering from Disease Outbreaks, Highseas**
Dorcas Corrow, B.S., LATG, The Jackson Laboratory
Peggy Danneman, V.M.D., M.S., ACLAM, The Jackson Laboratory
- 5:30** **Shuttle van pick up at GRB & returning to Highseas**
- 5:30 – 6:00** **Social Time at Highseas**
- 6:00** **Lobster Dinner, Highseas Dining Room**

Wednesday, December 6th

8:00-9:00 Breakfast

9:00 – 10:00 **Guidelines for Production Colony Construction and Maintenance**
Dorcas Corrow, B.S., LATG The Jackson Laboratory

10:00 – 11:00 **Nutritional Aspects of Maintaining Animal Health and Phenotype**
Dorrance Haught, Ph.D., Purina Mills, Inc.

11:00 – 11:30 **Break**, *room 304*

11:30 – 12:30 **Genetic Quality Control**
Ray VonderHaar, Ph.D., The Jackson Laboratory

12:30 – 1:30 **Lunch**, *Highseas Dining Room*

1:30 – 2:30 **Tracking and Maintaining Colony Management Data: Why You Should Use a Computer Database**
Tom Sproule, B.A., The Jackson Laboratory

2:30 – 5:30 **Introduction to Jax Colony Management System (JCMS) Computer Software**
Tom Sproule, B.A., The Jackson Laboratory

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

Thursday, December 7th

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**, *room 304*

10:15 – 12:00 **Web-Based Resources for Mouse Researchers (hands-on)**
David Shaw, M.S., The Jackson Laboratory,
Stephen Grubb, and staff, The Jackson Laboratory

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

1:00 – 2:00 **The Behavior and Enrichment of Laboratory Mice**
Joseph Garner, Ph.D., Purdue University

2:00 – 3:00 **Facility Design**
John Fitzpatrick, BSME, P.E., The Jackson Laboratory

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