



Workshop on Colony Management: Principles and Practices
June 11, 12 & 13, 2009

To be held at Emory University, Atlanta, GA

Draft Workshop Agenda

For more information, please contact Erin McDevitt erin.mcdevitt@jax.org
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Thursday, June 11th, 2009

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| 8:00 – 9:00 | Registration |
| 9:00 – 11:00 | Back to the Future - From Fancy Mice to Mendel: A Mouse Genetics Primer
<i>John Macauley, Ph.D., The Jackson Laboratory</i> |
| | Genetic Quality Control
<i>John Macauley, Ph.D., The Jackson Laboratory</i> |
| 11:00 – 11:15 | Break |
| 11:15 – 12:15 | Colony Set-up and Breeding Strategies
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |
| 12:15– 1:30 | Lunch Break |
| 1: 30-2: 30 | Genetic Background Effects on Phenotype
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |
| 2: 30-2:45 | Break |
| 2:45 – 3:45 | Guidelines for Production Colony Construction and Maintenance
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |
| 3:45-4:45 | Nutritional Aspects of Maintaining Animal Health and Phenotype
<i>Mark Griffin, Ph.D., Purina Mills, Inc – Not Confirmed</i> |

Friday, June 12th, 2009

- 9:00– 9:30** **Cre-LOX Technology in Mouse Models of Disease**
Janice Pendola, Ph.D., The Jackson Laboratory
- 9:30-10:30** **Reproductive Biology of the Laboratory Mouse**
Janice Pendola, Ph.D., The Jackson Laboratory
- 10:30 -10:45** **Break**
- 10: 45-11: 45** **Cryopreservation: A Cool Approach to Colony Management**
Janice Pendola, Ph.D., The Jackson Laboratory
- 11: 45–1:00** **Lunch Break**
- 1:00-2:45** **Practical Guidelines for Maintaining Mouse Health**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 2:45-3:00** **Break**
- 3:00-4:00** **Recovering from Disease Outbreaks**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 4:00-5:00** **New Mouse Models and How to Find Them: Electronic Resources for Mouse Geneticists**
Steve Rockwood, B.S., The Jackson Laboratory

Saturday, June 13th, 2009

- 9:00-10:00** **Introduction to the JAX Colony Management System (JCMS) Computer Software**
Charles Donnelly, B.S., The Jackson Laboratory
- 10:00-11:00** **Using Assisted Reproductive Technologies (ARTs) to Rederive, Rescue, and Rapidly Expand Colonies**
Jennifer Corrigan, M.S., The Jackson Laboratory
- 11:00-12:00** **Mouse Genetics and Strain Nomenclature: What's in a Name**
Jennifer Corrigan, M.S., The Jackson Laboratory

End of program