



Workshop on Colony Management: Principles and Practices
October 21st, 22nd & 23rd, 2009

To be held at the J. David Gladstone Institute (Robert W. Mahley Auditorium)
1650 Owens Street, San Francisco, CA, 94158

Draft Workshop Agenda

For more information, please contact Jennifer Corrigan
jennifer.corrigan@jax.org

Wednesday, October 21st, 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 | Mouse Genetics and Strain Nomenclature: What's in a Name
<i>Jennifer Corrigan, M.S., The Jackson Laboratory</i> |
| 12:15– 1:30 | Lunch Break |
| 1: 30-2: 30 | Colony Set-up and Breeding Strategies
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |
| 2: 30-2:45 | Break |
| 2:45 – 3:45 | Genetic Background Effects on Phenotype
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |
| 3:45-4:45 | Guidelines for Production Colony Construction and Maintenance
<i>Melissa Osborne M.S., The Jackson Laboratory</i> |

Thursday, October 22nd, 2009

- 9:00-10:45** **Practical Guidelines for Maintaining Mouse Health**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 10:45-11:00** **Break**
- 11:00-12:00** **Recovering from Disease Outbreaks**
Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory
- 12:00-1:15** **Lunch**
- 1:15-2:15** **Reproductive Biology of the Laboratory Mouse**
Janice Pendola, Ph.D., The Jackson Laboratory
- 2:15-2:30** **Break**
- 2:30-3:30** **Mouse Models of Disease: Technologies and Repositories**
Janice Pendola, Ph.D., The Jackson Laboratory
- 3:30-4:30** **Cryopreservation: A Cool Approach to Colony Management**
Janice Pendola, Ph.D., The Jackson Laboratory

Friday, October 23rd, 2009

- 9:00-10:00** **Using Assisted Reproductive Technologies (ARTs) to Rederive, Rescue, and Rapidly Expand Colonies**
Jennifer Corrigan, M.S., The Jackson Laboratory
- 10:00-10:15** **Break**
- 10:15-11:15** **Nutritional Aspects of Maintaining Animal Health and Phenotype**
Elizabeth Koutsos, Ph.D., Purina Mills, Inc.
- 11:15-12:15** **Introduction to the JAX Colony Management System (JCMS) Computer Software**
Charles Donnelly, B.S., The Jackson Laboratory

End of program