



**Workshop on Colony Management: Principles and Practices**  
*February 17-19, 2008*

**Workshop Agenda**

For more information, please contact [erin.mcdevitt@jax.org](mailto:erin.mcdevitt@jax.org)

*All events to be held in the Valerie Timken Amphitheater located in the Scripps Green Hospital, unless otherwise noted to be held in the MEM (Multipurpose Room located in The Molecular & Experimental Medical Building)*

**Sunday, February 17<sup>th</sup>, 2008**

- 8:00-8:45**      **Continental breakfast and registration**
- 8:45 –9:00**      **Announcements**
- 9:00 – 10:30**      **Back to the Future - From Fancy Mice to Mendel: A Mouse Genetics Primer**  
*John Macauley, Ph.D., The Jackson Laboratory*
- 10:30 – 11:30**      **Mouse Genetics and Strain Nomenclature: What's in a Name**  
*Jennifer Corrigan, M.S., The Jackson Laboratory*
- 11:30 – 1:00**      **Lunch – Located in the MEM**
- 1:00 – 2:00**      **Colony Set-up and Breeding Strategies**  
*Melissa Osborne M.S., The Jackson Laboratory*
- 2:00 – 2:45**      **Genetic Background Effects on Phenotype**  
*Jennifer Corrigan, M.S., The Jackson Laboratory*
- 2:45 – 3:45**      **Genetic Quality Control**  
*John Macauley, Ph.D., The Jackson Laboratory*

## **Monday, February 18<sup>th</sup>, 2008**

- 8:00-8:30**      **Continental breakfast**
- 8:30-8:50**      **Cre-LOX Technology in Mouse Models of Disease**  
*Janice Pendola, Ph.D., The Jackson Laboratory*
- 8:50-9:30**      **Reproductive Biology of the Laboratory Mouse**  
*Janice Pendola, Ph.D., The Jackson Laboratory*
- 9:30-10:30**     **Using Assisted Reproductive Technologies (ARTs) to Rederive, Rescue, and Rapidly Expand Colonies**  
*Jennifer Corrigan, M.S., The Jackson Laboratory*
- 10:30-11:30**   **Cryopreservation: A Cool Approach to Colony Management**  
*Janice Pendola, Ph.D., The Jackson Laboratory*
- 11:30-1:00**     **Lunch** – *Located in the MEM*
- 1:00-2:45**      **Practical Guidelines for Maintaining Mouse Health**  
*Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory*
- 2:45-4:00**      **Recovering from Disease Outbreaks**  
*Peggy Danneman, V.M.D., M.S., ACLAM., The Jackson Laboratory*

## **Tuesday, February 19<sup>th</sup>, 2008**

- 8:00-8:30**      **Continental Breakfast**
- 8:30-9:30**      **Guidelines for Production Colony Construction and Maintenance**  
*Peter Laplant, B.S., The Jackson Laboratory*
- 9:30-10:30**    **Nutritional Aspects of Maintaining Animal Health and Phenotype**  
*Dorrance Haught, Ph.D., Purina Mills, Inc*
- 10:30-11:30**   **Introduction to the Jax Colony Management System (JCMS) Computer Software**  
*Abigail Ames, The Jackson Laboratory*