



## Sixth Annual Workshop on the Pathology of Mouse Models for Human Disease

September 30 – October 6, 2007

### TENTATIVE COURSE SCHEDULE (Subject to change)

*All Lectures are at Highseas Conference room,*

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

#### Sunday, September 30

Arrival at Highseas Conference Center anytime after 12:30 PM

**4:30 – 6:00 PM**      **Reception and Registration at Highseas and Sign up for wet labs**

**6:00PM**              **Dinner at Highseas**

#### Monday, October 1

**8:00AM**              **Welcome to The Jackson Laboratory, introduction to the meeting, announcements**  
*John P. Sundberg, D.V.M., Ph.D., Dipl. A.C.V.P., The Jackson Laboratory*

**8:05AM**              **Workshop Evaluations**  
*Suzanne Hart, University of Maine*

**8:20AM**              **Senior Investigator Dedication of Dr. Edward Leiter**  
*John P. Sundberg, D.V.M., Ph.D., Dipl. A.C.V.P., The Jackson Laboratory*

- 8:30AM**                    **Diabetes model development and their value to biomedical research.**  
*Edward Leiter, Ph.D., The Jackson Laboratory, Senior Staff Scientist, Emeritus*
- 9:40AM**                    **Break**
- 10:00AM**                  **Introduction to Databases at The Jackson Laboratory.**  
*Judith A. Blake, Ph.D., The Jackson Laboratory*
- 11:00AM**                  **National Center for Research Resources: Funding Opportunities and the Global Approach to Knockout Mouse Resources**  
*Franziska Grieder, D.V.M., Ph.D., NCRR, NIH*
- 12:00PM**                  Lunch at Highseas
- 1:30PM**                    **Mouse Nomenclature and Basic Mouse Genetic Approaches I**  
*Xavier Montagutelli, D.V.M., Ph.D., Institute Pasteur*
- 3:00PM**                    **Break**
- 3:30PM**                    **Mouse Nomenclature and Basic Mouse Genetic Approaches II**  
*Xavier Montagutelli, D.V.M., Ph.D., Institute Pasteur*
- 5:00PM**                    **Free Time/ Hikes**
- 6:30PM**                    **Dinner at Highseas**
- 7:30PM**                    **Open discussions/participant introductions and/or short presentations**

**Tuesday, 2 October**

- 8:00AM**                    **Systematic Physiologic and Pathologic Approaches to Phenotyping: The Jackson Laboratory Shock/Ellison Aging Center Program or how to find out about strain specific diseases in mice.**  
*John P. Sundberg, D.V.M., Ph.D., Dipl. A.C.V.P., The Jackson Laboratory*
- 9:30AM**                    **Break**

- 10:00AM**                    **Mouse Models for Lung Diseases.**  
*Wanda Haschek-Hock, B.V.Sc., Ph.D., Dipl. A.C.V.P.,  
University of Illinois, Department of Pathobiology, College of  
Veterinary Medicine*
- 12:00PM**                    **Lunch**
- 1:30PM**                    **Mouse Models for Studying Development of the Immune  
System.**  
*Harm HogenEsch, D.V.M., Ph.D., Dipl. A.C.V.P., Purdue  
University, Department of Comparative Pathobiology, School  
of Veterinary Medicine*
- 2:30 PM**                    **Break**
- 2:45PM**                    **Mouse Models for Allergic Diseases.**  
*Harm HogenEsch, D.V.M., Ph.D., Dipl. A.C.V.P., Purdue  
University, Department of Comparative Pathobiology, School  
of Veterinary Medicine*
- 5:00PM**                    **Free Time/ Hikes**
- 6:30PM**                    **Dinner at Highseas**

**Wednesday, October 3**

- 8:00AM**                    **Diseases of the Eye: Mouse Models.**  
*Richard S. Smith, M.D., D.Med.Sci., The Jackson Laboratory*
- 10:30AM**                    **Break**
- 11:00PM**                    **Humanized Severe Combined Immunodeficiency Mice for  
Translational Research.**  
*Leonard D. Shultz, Ph.D., The Jackson Laboratory*
- 12:00PM**                    **Lunch**
- 1:30PM**                    **Approaches to Modeling Human Prostate and Ovarian  
Cancers I.**  
*Alexander Nikitin, M.D., Ph.D., Cornell University College of  
Veterinary Medicine*
- 3:00PM**                    **Break**

**3:30PM**                    **Approaches to Modeling Human Prostate and Ovarian Cancers II**  
*Alexander Nikitin, M.D., Ph.D., Cornell University College of Veterinary Medicine*

**5:00PM**                    **Free Time/ Hikes**

**6:30PM**                    **Lobster Dinner at Highseas**

**Thursday, October 4**

**8:00AM**                    **Workshops: Necropsy methods, special services**

**Mouse Necropsies I - Routine**  
*Staff, The Jackson Laboratory*

**Mouse Necropsies II – Specific Methods**  
*James Miller and Lydia Petell, The Jackson Laboratory*

**Imaging Technologies,**  
*Anthony Nicholson, B.V.Sc., Ph.D., Dipl. A.C.V.A., The Jackson Laboratory*

**Confocal Microscopy, Electron Microscopy, Spectral Karyotyping, and other specialized microscopy services,** *Lesley Bechtold, M.S., The Jackson Laboratory*

**Mouse Genome Informatics: Interactive Workshop on the Mouse Tumor Biology Database (MTB)**  
*Dale Begley, The Jackson Laboratory*

**9:30AM**                    **Break**

**10:00AM**                    **Workshops: Necropsy methods, special services (Continued)**

**11:30AM**                    **Lunch**

**1:00PM**                    **The Jerry and Jerry Show: Lymphomas, leukemias, IHC, GI tract and anything else you wanted to know about mice but ARE afraid to ask:**

**Pathology of the Mouse GI Tract and Liver**

*Jerrold M. Ward, D.V.M., Ph.D., Dipl. A.C.V.P.,  
National Institute of Allergy and Infectious Diseases*

**Mouse Pleomorphic Sarcomas: What are they?**

*Jerold E. Rehg, D.V.M., Dipl. A.C.V.P., St. Jude  
Children's Research Hospital*

**3:00PM**

**Break**

**3:15PM**

**The Jerry and Jerry Show: Lymphomas, leukemias, IHC, GI tract and anything else you wanted to know about mice but ARE afraid to ask: (Continued)**

**Mouse Embryonic Lethality**

*Jerrold M. Ward, D.V.M., Ph.D., Dipl. A.C.V.P.,  
National Institute of Allergy and Infectious Diseases*

**Introduction to Aging Mice and Mouse Lymphomas and Leukemias**

*Jerrold M. Ward, D.V.M., Ph.D., Dipl. A.C.V.P.,  
National Institute of Allergy and Infectious Diseases*

**An Overview of Mouse Lymphoid and Histiocytic Neoplasms**

*Jerold E. Rehg, D.V.M., Dipl. A.C.V.P., St. Jude  
Children's Research Hospital*

**5:00PM**

**Free Time/ Hikes**

**6:30PM**

**Dinner at Highseas**

**8:00PM**

**Slide/Research discussions and presentations by course participants**

**Friday, October 5**

**8:00AM**

**Overview of mouse models with neurological diseases**

*Roderick Bronson, D.V.M., Dipl. A.C.V.P., The Jackson  
Laboratory/Massachusetts Institute of Technology/Harvard  
University*

**10:00AM**

**Break**

**10:30AM**

**Neuropathology slide discussions.**

*Roderick Bronson, D.V.M., Dipl. A.C.V.P., The Jackson Laboratory/Massachusetts Institute of Technology/Harvard University*

**12:00PM Lunch at Highseas**

**1:30PM Effects of Infectious Diseases of Mice on Interpretation of Experimental Results.**  
*Cory Brayton, D.V.M., Dipl. A.C.V.P. and A.C.L.A.M., Johns Hopkins University*

**3:30PM Diseases of the Skin and Adnexa.**  
*John P. Sundberg, D.V.M., Ph.D., Dipl. A.C.V.P., The Jackson Laboratory*

**5:00PM Free Time/ Hikes**

**6:30PM Lobster Dinner at Highseas**

**8:00PM Tales from the British Military Medical Museum.**  
*Matthew Kaufman, M.D., Edinburgh University*

**Saturday, October 6**

**8:00AM Embryologic Methods I.**  
*Matthew Kaufman, M.D., Edinburgh University*

**9:30AM Break**

**10:30AM Embryologic Methods II.**  
*Matthew Kaufman, M.D., Edinburgh University*

**12:00PM Lunch at Highseas**

**Sunday, October 7**

Departures