

# Research Resources

"We can judge the heart of a man by his treatment of animals."....Immanuel Kant

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**Research Resources will be sent out to Active Project Directors, but I encourage you to share this will all your staff, and, if any want to be included in the mailing, have them send a request to [stacy.wells@louisville.edu](mailto:stacy.wells@louisville.edu). If you would like to contribute to the newsletter, you may send your items to the same address.**

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## **New 'Animals in Research' Web Site Announced by NIH's OER**

NIH's Office of Extramural Research has announced a new Web site dedicated to animal research. The site contains information for researchers and institutions, as well as the general public, including a fact sheet on the benefits of biomedical research and a Frequently Asked Questions section. Please take a moment to visit <http://grants.nih.gov/grants/policy/air/index.htm>.

## **FBI Releases Article Detailing Efforts to Curb Illegal Acts of Extremists**

The Federal Bureau of Investigation released a June 30 article focusing on their use of intelligence in their efforts to combat eco-terrorists and animal rights extremists. The article demonstrates the growing trend towards violent acts by these groups, and

explains how the FBI has used its resources in the past to thwart potential acts of domestic terrorism. The article also discusses the FBI's plans to take advantage of the Animal Enterprise Terrorism Act of 2006 (AETA) to prosecute extremists. To view the article, visit [http://www.fbi.gov/page2/june08/ecoterro\\_r\\_063008.html](http://www.fbi.gov/page2/june08/ecoterro_r_063008.html).

## **New! Autoimmune Disease Resource Manual**

This resource manual highlights key JAX® Mice strains and other resources for mouse-based autoimmune disease research. It briefly describes the following:  
Over 70 JAX® Mice models appropriate for autoimmune disease research  
Common autoimmune diseases and recent mouse-based research of these diseases  
Online resources for autoimmune disease research  
JAX® Services suitable for autoimmune disease research  
Autoimmune disease research conducted at The Jackson Laboratory  
Request a printed copy of this new manual at <http://jaxmice.jax.org/literature/> or download the PDF at <http://jaxmice.jax.org/manual/Autoimmun eRM.pdf>.

## **NIH Increases Payment for Grant Reviewers**

The National Institutes of Health has announced plans to increase the money it pays to long-serving peer reviewers, resulting in some scientists receiving up to

\$250,000 for six years of service. Currently, peer reviewers are paid \$200 per day, usually resulting in a maximum net pay of \$6,000 after six years. NIH stated the raise in payment was part of an effort to lure more experienced scientists to evaluate grants. For more information, visit <http://chronicle.com/free/2008/06/3136n.htm>.

**USDA Extends Comment Period on Minimum Age Requirements: NABR Members Encouraged to File**

In response to animal rights requests, the USDA has extended the public comment period for their proposed rule to amend the Animal Welfare Act regulations by adding minimum age requirements to animals in commerce. Under the proposed rule, all AWA-covered species must be weaned and at least 8 weeks of age to be transported. NABR officially filed comments on the proposed rule, June 25, 2008. During the initial comment period, APHIS received 318 comments, of which 22 were from the research community. If you have not yet filed comments, the NABR strongly encourages you to do so. This extension is an opportunity to assist federal regulators in making an informed decision. Feel free to use NABR's comments to develop your own comments, or simply endorse ours. A copy of NABR's comments can be found here: <http://www.nabr.org/pdf/minimumagecomments.pdf>. To file electronically and to view other comments that have been filed, see: <http://www.regulations.gov/fdmspublic/component/main?main=DocketDetail&d=APHIS-2006-0024>. Comments are due September 2.

**ILAR's 'Guide' Committee Announced**

The National Academy of Sciences (NAS) has announced the members for the Institute for Laboratory Animal Research's (ILAR) Update to the Guide for the Care and Use of Laboratory Animals Committee. The committee will be chaired by Dr. Janet C. Garber, of Garber Consulting LLC, and will include 13 other individuals from industry,

academia, and public service. For the full list of committee members, click here: <http://www8.nationalacademies.org/cp/committeev.aspx?key=48959>.

**AALAS National Preliminary Program Available & Housing Now Open to All Attendees**

The education program for the 2008 National Meeting in Indianapolis is now available from the National Meeting website. [http://nationalmeeting.aalas.org/indianapolis\\_spotlight.asp](http://nationalmeeting.aalas.org/indianapolis_spotlight.asp)

Don't forget that this year's focus is on Neurobehavioral Sciences. Please take note that poster and platform sessions are not available at this time. Due to the June 1 submission deadline, poster and platform scheduling was not completed at press time.

Also, the Indianapolis Housing Bureau is now open and ready to book your hotel reservations. Make your reservations online. [https://resweb.passkey.com/Resweb.do?mode=welcome\\_ei\\_new&eventID=66895](https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=66895)

**May - August 2008 JAALAS & CompMed Articles**

The following are the titles of the publications in the May's issue of AALAS's Journal of the American Association for Laboratory Animal Science:

- [Diet Replenishment for Ad-libitum-fed Mice Housed in Social Groups is Compatible with Shelf Life](#)
- [Evaluation of Saphenous Venipuncture and Modified Tail-clip Blood Collection in Mice](#)
- [Fatal Acute Intestinal Pseudoobstruction in Mice](#)
- [Idiopathic New Bone Formation in the Femoral Shafts of a Cynomolgus Monkey \(\*Macaca fascicularis\*\)](#)
- [Infestation of Wild-caught American Bullfrogs \(\*Rana catesbeiana\*\) by Multiple Species of Metazoan Parasites](#)
- [Managing Environmental Enhancement Plans for Individual Research Projects at a National Primate Research Center](#)
- [Methicillin-resistant \*Staphylococcus non-aureus\* Infection in an Irradiated Rhesus Macaque \(\*Macaca mulatta\*\)](#)

- [Multiplex Microsatellite Marker Panels for Genetic Monitoring of Common Rat Strains](#)
- [Prevention of Murine Norovirus Infection in Neonatal Mice by Fostering](#)
- [Soiled-bedding Sentinel Detection of Murine Norovirus 4](#)
- [The Effects of Depth of Isoflurane Anesthesia on the Performance of Mice in a Simple Spatial Learning Task](#)
- [Use of Selamectin and Moxidectin in the Treatment of Mouse Fur Mites](#)
- [Hematology and Plasma Chemistry Reference Intervals for Mature Laboratory Pine Voles \(\*Microtus pinetorum\*\) as Determined by Using the Nonparametric Rank Percentile Method](#)
- [Long-term and Per Rectum Disposition of Clarithromycin in the Desert Tortoise \(\*Gopherus agassizii\*\)](#)
- [A New Method for Respiratory Gating During Microcomputed Tomography of Lung in Mice](#)
- [Secondary Acute Anterior Uveitis with Hyphema in a Purpose-bred Kitten](#)
- [Preputial Obstruction and Urine-induced Cellulitis Due to Nonnutritive Suckling in a Male White-tailed Deer \(\*Odocoileus virginianus\*\) Fawn](#)
- [Visceral and Neural Larva Migrans in Rhesus Macaques](#)
- [Dyscoria Associated with Herpesvirus Infection in Owl Monkeys \(\*Aotus nancymae\*\)](#)

The following are the titles of the publications in the June's issue of AALAS's Comparative Medicine:

- [A Structured Light-based System for Scanning Subcutaneous Tumors in Laboratory Animals](#)
- [Animal Models of Cancer Pain](#)
- [Cystic Mammary Adenocarcinoma Associated with a Prolactin-secreting Pituitary Adenoma in a New Zealand White Rabbit \(\*Oryctolagus cuniculus\*\)](#)
- [Development of a Rabbit Pleural Cancer Model by Using VX2 Tumors](#)
- [Fatigue and Sleep during Cancer and Chemotherapy: Translational Rodent Models](#)
- [Histopathologic Findings and Establishment of Novel Tumor Lines from Spontaneous Tumors in FVB/N Mice](#)
- [Magnetic Resonance Imaging of the Response of a Mouse Model of Non-Small Cell Lung Cancer to Tyrosine Kinase Inhibitor Treatment](#)
- [Rat Prostate Tumors Express Cancer Procoagulant, an Activator of Coagulation Factor X](#)
- [Spontaneous Fibrosarcoma in a Djungarian Hamster \(\*Phodopus sungorus\*\)](#)
- [Spontaneous Vulvar Papillomas in a Colony of Mice Used for Pancreatic Cancer Research](#)
- [Utility of AntiPax5 in the Diagnosis of Lymphoproliferative Disorders and Neoplasia in Mice](#)

The following are the titles of the publications in the July's issue of AALAS's Journal of the American Association for Laboratory Animal Science:

- [Effects of Indomethacin and Buprenorphine Analgesia on the Postoperative Recovery of Mice](#)
- [Adverse Effects of Incorporating Ketoprofen into Established Rodent Studies](#)
- [Effect of Housing Rats in Dim Light or Long Nights on Heart Rate](#)

If you would like to view copies of these papers, please contact the RRF office @ x5268 or one of the husbandry supervisors. Or visit the AALAS website at this site: <http://www.aalas.org/publications>. (You must be an AALAS member.)

## Training Announcement

The following is a list of Level III - Basic Rodent Biotechnology training sessions scheduled through June 2008. Sessions are located in the Baxter Facilities and the RRC Surgical Suites. Please review and select either a morning (9:30 - 11:30) or afternoon (1:00 - 3:00) session for the designated facility. Proper facility attire is required.

### RRC Surgical Suites

September 23rd

### B2V Room #47 \*

September 25th

\*Sessions for the Baxter 2 Vivarium are limited to 10 attendees due to space restrictions. Scheduling will be on a first come/first served basis. These are two hour sessions designed to provide an opportunity to train on routine handling and experimental techniques while using live mice and rats. These small group sessions are instructed by certified laboratory animal technologists and laboratory animal technicians along with

veterinarians, and therefore, provide a maximum opportunity for learning skills.

Topics to be covered are restraint and handling, sexing, identification, physical examination, blood collection, injection, gavage and necropsy techniques. Classes are designed to permit both demonstration and practice. There will be opportunity to target individual learning needs in addition to these basic techniques.

Participation is open to all University of Louisville employees working with animals. Ideally all attendees have completed Level II training and OSHA certification. Please share this opportunity with your research team.

Registration is required. Simply respond to Janice Ditslear, Senior Veterinary Associate, at [jldits01@gwise.louisville.edu](mailto:jldits01@gwise.louisville.edu) with date/time selections, names of attendees and department or contact her via phone at one of the following numbers.

Work: (502)852-6905  
Cell: (502)500-6684

### **DEHS Required Training**

DEHS has monthly training on Lab Safety/Hazardous Waste (LS/HW). LS/HW is from **9:00-10:30AM** in **Baxter I Auditorium** on the following dates:

**September 11, 2008**

**October 9, 2008**

**November 13, 2008**

**December 11, 2008**

Bring your employee ID number to sign in. Contact [erin.foley@louisville.edu](mailto:erin.foley@louisville.edu) to reserve your spot.

### **Level II Training**

The following is the list of dates and times that Level II training will be offered:

**2008**

**Thursday, September 4th at 1:30 PM**

**Monday, October 6th at 10:00 AM**

**Thursday, November 6th at 1:30 PM**

**Monday, December 1st at 10:00 AM**

Training sessions are held in the **Baxter I Auditorium** and last approximately 1.5 hours. Registration is not required, but participants must sign in.