

# Research Resources

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

**Vol. II, No. 4**

**April 2007**

**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.**

## **AALAS National Meeting in Charlotte, NC Fall 2007**

Each fall since 1950, the American Association for Laboratory Animal Science has held its annual National Meeting. During the five days of the meeting, members and nonmembers come together to enjoy the workshops, lectures, poster sessions, and exhibits. The program is designed to have topics relevant to the entire membership. Exhibitors have an opportunity to interact with AALAS members from the academic community, research institutions, government organizations, and commercial companies. The AALAS National Meeting is the largest gathering in the world of professionals concerned with the production, care, and use of laboratory animals. The meeting format is continuously evolving, but some standard features are listed at [http://nationalmeeting.aalas.org/meeting\\_features.asp](http://nationalmeeting.aalas.org/meeting_features.asp). Registration is now open!

## **New for Charlotte: Oncology Forum**

The AALAS National Meeting's Program Committee and President Bruce Kennedy are excited to introduce the inclusion of a themed Oncology Forum at the 2007 National Meeting in Charlotte, NC. Those with backgrounds and expertise in research, clinical care, and husbandry of animal models of oncology are encouraged to attend for round-tables, seminars, special topic lectures, and workshops at the 2007 National Meeting. See you in Charlotte!

## **Level II Training**

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

### **2007**

Thursday, May 3<sup>rd</sup> at 1:30 PM

Monday, June 4<sup>th</sup> at 10:00 AM

Thursday, July 5<sup>th</sup> at 1:30 PM

Monday, August 6<sup>th</sup> at 10:00 AM

Thursday, September 6<sup>th</sup> at 1:30 PM

Monday, October 1<sup>st</sup> at 10:00 AM

Thursday, November 1<sup>st</sup> at 1:30 PM

Monday, December 3<sup>rd</sup> 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.

## **DEHS Required Training**

DEHS has monthly training on Lab Safety/Hazardous Waste (LS/HW) and Bloodborne Pathogens (BP). LS/HW is from 9:00-10:00AM and BP is from 10:00-11:00AM. Both sessions are held in the **Dental School-Room 105** on the following dates:

**May 9, 2007**

**June 13, 2007**

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

## **April 2007 Comparative Medicine**

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

- [Aspects of Morphine Chemistry Important to Persons Working with Cold-blooded Animals, Especially Fish](#)
- [Breeding Colony Refinement through Phenotypic and Genotypic Characterization of the SPRD-Pkdr1/Rrrc Rat Model of Polycystic Kidney Disease](#)
- [Brief Small Intestinal Ischemia Lessens Renal Ischemia-reperfusion Injury in Rats](#)
- [Comparison of Various Anthelmintic Therapies for the Treatment of Trypanoxyuris microon Infection in Owl Monkeys \(Aotus nancymae\)](#)
- [Effects of Leukotriene Inhibition on Pulmonary Morphology in Rat Pup Lungs Exposed to Hyperoxia](#)
- [Ex Vivo Optical Coherence Tomography and Laserinduced Fluorescence Spectroscopy Imaging of Murine Gastrointestinal Tract](#)
- [Food or Fluid Restriction in Common Laboratory Animals: Balancing Welfare Considerations with Scientific Inquiry](#)
- [Spontaneous Exocrine Pancreas Hypoplasia in Specific Pathogen-free C3HeB/FeJ and 101/H Mouse Pups Causes Steatorrhea and Runting](#)
- [The Effects of Analgesic Supplements on Neural Activity in the Main Olfactory Bulb of the Mouse](#)

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.)

### **Stem Cell Bill Passes Senate**

On April 11, after 20 hours of debate, the Senate approved the Stem Cell Research Enhancement Act (S. 5) by a vote of 63-34, four votes short of the number required to override a veto. This legislation would allow federal funding for research on stem cells from human embryos that would otherwise be discarded by fertility clinics. A House version of the bill (H.R. 3) was passed January 11 by a vote of 253 to 174, short of a veto-proof majority. Following the passage of the Senate bill, President Bush made a statement confirming his intention to veto. Also passed by a vote of 70-28 was the Hope Act (S. 30), a "compromise" bill introduced by Sen. Norm Coleman (R-MN) and Sen. Johnny Isakson (R-GA), that allows federally funded research on only human embryos that are "naturally dead." There is no companion bill to S. 30 in the House.

### **AALAS on Wikipedia**

AALAS now has a presence on Wikipedia, a web-based, free content encyclopedia that is one of the top 10 most visited web sites daily. The sites articles are written collaboratively by volunteers; anyone with access to the web site can edit articles. The AALAS article, found at [http://en.wikipedia.Org/wiki/American\\_Association\\_for\\_Laboratory\\_Animal\\_Science](http://en.wikipedia.Org/wiki/American_Association_for_Laboratory_Animal_Science), gives a general overview of products and services, and links to advocates in biomedical research.

### **Jax Tissue Harvesting Services**

JAX® Tissue Harvesting Services can provide organs and tissues to investigators who do not need whole mice. For a complete list of available organs and tissues (and prices), please visit the Jackson Lab web site ([jaxmice.jax.org/services/surgical\\_pricing.html?WT.mc\\_id=201349](http://jaxmice.jax.org/services/surgical_pricing.html?WT.mc_id=201349)). For more information, e-mail [jaxservices@jax.org](mailto:jaxservices@jax.org), or call 1-800-422-MICE (6423) or 1-207-288-5845.

### **New Product Spotlight**



Do you have a need for a precision trimmer? This Wahl trimmer is lightweight, easy to handle and great for prepping small rodents for surgery. The blade is smaller than other "pocket" trimmers giving the user more control. Operated on one "AA" battery, there is no need for bulky chargers. Trimmer comes complete with replaceable blade, oil, brush and blade cover. Trimmers may be ordered thru the RRF by contacting [jlditso1@louisville.edu](mailto:jlditso1@louisville.edu) for about \$17.00.

### **First Quarter 2007 Sentinel Results**

Dear Colleagues:

**First Quarter 2007 rat and mouse sentinel health surveillance is**

**complete. All RRF spaces, with the exception of the animal room listed below, appear specific pathogen free (SPF) to the tested agents at this time.**

**HSC A Tower Room 1310 - RATS:  
A rat parvovirus has been identified in Room 1310 of the Health Sciences A Tower.**

Results from the Research Animal Diagnostic Laboratory (RADIL) at the University of Missouri include a positive MFI/ELISA titer for Rat Parvovirus (RPV) with positive IFA verification in a single soiled bedding sentinel rat from this room on 1Q2007 surveillance. Repeat testing of the sample at Charles River Labs confirms the disease via positive MFI and IFA.

The affected room, which is part of a conventionally managed decentralized vivarium, has been placed under increased biovigilance and the RRF has met with affected PI(s) as of this week. We will continue to share information as it becomes available. Please don't hesitate to contact us with questions or concerns.

**To reiterate, all tested spaces other than those noted above, appear SPF to the UofL excluded agents.** A list of the UofL excluded agents and an overview of the rat and mouse sentinel surveillance program are attached.

Regards,  
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**IACUC Policy: Animal Security  
in Investigator Laboratories**

**Background:** Important aspects of a successful animal care and use program are the security procedures and systems in place to protect the well being of subjects and integrity of data. Corresponding to an overall increase in security issues within research institutions, the IACUC has instituted the following requirements to safeguard animals while in research laboratories.

**Policy:** The use of animals outside of the central animal facilities must be described in an IACUC-approved "Proposal to Use Laboratory Animals in Research and Teaching," including specific room numbers where animals are to be taken. Transportation of animals must follow standard procedures.

Animals that are temporarily kept in investigator laboratories must be monitored by research Participants. To the fullest extent possible, animals should not be left unattended in laboratories. If animals must be left unattended for *any* period of time, the door to the laboratory **must** be locked and remain locked until animals can be removed or monitored.

During the emergency evacuation of a building, an attempt should be made to secure laboratories temporarily holding research animals if conditions allow. However, this policy is in no way intended to undermine the safety of personnel or the procedures outlined in UofL-approved evacuation policies.

