

# Research Resources

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

**Vol. II, No. 12**

**December 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.**

## **2008 AALAS National Meeting Indianapolis Update: Neurobehavioral Sciences Forum**

The 2008 Program Committee and AALAS President Chris Newcomer are excited to continue the special themed forum initiated last year at the 2007 National Meeting in Charlotte, NC. The theme for the 2008 National Meeting in Indianapolis, IN will be Neurobehavioral Sciences Forum. Those with backgrounds and expertise in research, clinical care, management, and husbandry of animal models used in the Neurobehavioral Sciences have been encouraged to submit proposals for abstracts, panel discussions (formerly round tables), seminars, special topic lectures, and workshops for the 2008 National Meeting. The call for abstracts and topic submissions will open on January 4, 2008, so be sure to start planning yours now. All AALAS members will receive an email with instructions on how to submit; instructions will also be available on the AALAS National Meeting web-site: <http://nationalmeeting.aalas.org/>. Submissions for both topics and abstracts close on March 15, 2008.

## **DEHS Required Training**

DEHS has monthly training on Lab Safety/Hazardous Waste (LS/HW). LS/HW is from **9:00-10:00AM** in **Baxter I Auditorium** on the following dates:  
**January 10, 2008**  
**February 14, 2008**  
**March 13, 2008**  
**April 10, 2008**  
**May 8, 2008**

## **June 12, 2008**

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

## **All Bloodborne Pathogen Training Now Online**

DEHS is now providing all Bloodborne Pathogens (BBP) training for UofL employees online. UofL employees who are at risk for occupational exposure to bloodborne pathogens are now able to complete both initial and annual refresher at <http://www.louisville.edu/admin/dehs/Into pageBBP1.doc>. Classroom training will no longer be required and the monthly classroom training will no longer be offered, effective immediately. Questions may be directed to DEHS 852-2961 or 852-2962.

## **Level II Training**

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

### **2008**

**Thursday, January 3rd 1:30 PM**  
**Monday, February 4th at 10:00 AM**  
**Thursday, March 6 th1:30 PM**  
**Monday, April 7th10:00 AM**  
**Thursday, May 8th 1:30 PM**  
**Monday, June 2nd10:00 AM**  
**Thursday, July 10th 1:30 PM**  
**Monday, August 4th at 10:00 AM**  
**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.

### December 2007 CM

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

- [Adenosine and Dopamine Receptor Interactions in Striatum and Caffeine-induced Behavioral Activation](#)
- [Atrial Natriuretic Peptide and Osteopontin Are Useful Markers of Cardiac Disorders in Mice](#)
- [Characterization of Transforming Growth Factors ?1 and 2 in Ferrets \(Mustela putorius furo\)](#)
- [Development of a Mouse Model of Induced Staphylococcus aureus Infective Endocarditis](#)
- [Development of Molecular and Cellular Biomarkers of Pain](#)
- [Expression of CD95 and CD95L on Astrocytes in the CA1 Area of the Immature Rat Hippocampus after Hypoxia-Ischemia Injury](#)
- [Loss of Cortical Function in Mice After Decapitation, Cervical Dislocation, Potassium Chloride Injection, and CO2 Inhalation](#)
- [Natural Dental Caries in Molars of Osteogenic Disorder Shionogi Rats](#)
- [Phenotypic and Functional Analysis of Murine Resident and Induced Peritoneal Macrophages](#)

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](http://www.aalas.org/publications). (You must be an AALAS member.)

### Grants for Laboratory Animal Science Applications Now Online

Application forms and related documents for Grants for Laboratory Animal Science are now available. The GLAS program aims to enhance scientific knowledge in laboratory animal science through research and to promote collaborative efforts by the AALAS membership within the broader scientific community. Current AALAS members are invited to apply for one- year research grants of up to \$25,000 for projects in the laboratory animal science field. More

info can be found at:

<http://www.aalas.org/glas/>. The grant submission deadline is February 1, 2008.

### FBR Going to the Airwaves

The New Year will be unlike any other for the Foundation for Biomedical Research as they produce two television programs, a documentary, two animated children's programs and several radio shows. Their mission is to educate the public about the essential role of humane animal research in the quest for medical advancements, treatments and cures for both humans and animals. Go to <http://youtube.com/watch?v=Y2OBsLkkodw> to view FBR's 2008 pre-launch promotional video on YouTube.

### Tech Week 2008

International Laboratory Animal Technician Week is an annual celebration recognizing laboratory animal technicians for their essential contributions as members of the research team. It is celebrated each year during the week containing "Ground Hog's Day" to encourage animal technicians to "come out from the shadows." Join the RRC & AALAS in recognizing all technicians as "Heroes Behind the Science" during International Laboratory Animal Technician Week (January 27-February 2, 2008). Contact Stacy Wells for more information or ideas.

### Animal Welfare Policies Revised

The Executive Board of the AVMA approved a series of recommendations from the Animal Welfare Committee, including changes to some animal welfare policies. The following excerpts are about animals in research and are from the most recent JAVMA publication.

The board approved revisions to a policy on Use of Animals in Research, Testing, and Education. This policy now references the range of individuals and organizations affected by acts of extremists in the animal rights movement and recognizes the ethical responsibilities (in addition to the already

stated professional, scientific, and moral obligations) associated with animal use. The revised policy states the following:

**USE OF ANIMALS IN RESEARCH, TESTING, AND EDUCATION**

The AVMA recognizes that animals play a central and essential role in research, testing, and education for continued improvement in the health and welfare of human beings and animals. The AVMA also recognizes that humane care of animals used in research, testing, and education is an integral part of those activities. In keeping with these concerns, the AVMA endorses the principles embodied in the "Three R" tenet of Russell and Burch (1959). These principles are: refinement of experimental methods to eliminate or reduce animal pain and distress; reduction of the number of animals consistent with sound experimental design; and replacement of animals with non-animal methods wherever feasible. The use of animals in research, testing, and education is a privilege carrying with it unique professional, scientific, and moral obligations, and ethical responsibilities. The AVMA encourages proper stewardship of all animals, but defends and promotes the use of animals in meaningful research, testing, and education programs.

The AVMA condemns all acts of violence, vandalism, or intimidation directed toward individuals, facilities, or tertiary organizations affiliated with the use of animals in research, testing, or education.

The board approved revisions to the policy Use of Random-Source Dogs and Cats for Research, Testing, and Education to ensure that it is consistent with the requirements of the Animal Welfare Act and with local and state laws governing acquisition and use of animals for such purposes. The revised policy states the following:

**USE OF RANDOM-SOURCE DOGS AND CATS FOR RESEARCH, TESTING, AND EDUCATION**

The carefully controlled use of random-source dogs and cats contributes greatly to improving the health and welfare of both animals and human beings. Therefore, the AVMA believes there is ample justification for prudent and humane use of random-source dogs and cats in research, testing, and education, provided that:

- The institution conducting such research, testing, or education has met all legal requirements and guidelines pertaining to the acquisition, care, and use of dogs and cats for these purposes;
- The investigators have thoughtfully examined the need for such dogs and cats, appropriately justified the use of the species, and carefully determined the minimum number required to meet the needs of the protocol;
- Adequate safeguards are used to ensure that only appropriately screened dogs and cats are obtained legally; and carefully determined the minimum number required to meet the needs of the protocol; and
- Preventive measures are taken to optimize the health of dogs and cats used in research, testing, and education.

To see the full article, go to

[http://www.avma.org/onlnews/javma/jano8/080101c\\_pf.asp](http://www.avma.org/onlnews/javma/jano8/080101c_pf.asp).