

Research Resources

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

Vol. II, No. 3

March 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. If you would like to contribute to the newsletter, you may send your items to the same address.

AAALAC Site Visit

As many of you know, representatives from the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC) were here for a site visit to determine our accreditation status the week of March 19th. We are pleased to announce that it was a resounding success! A consistent theme in the visitors' commendations was communication, noted especially as it relates to providing veterinary care, reviewing and implementing occupational health and safety practices, facility maintenance and upkeep, and dissemination of institutional policies. This is especially remarkable given our program's continued growth in size and complexity. Although prefaced with a note that the final decision rests with the entire Council on Accreditation, the Site Visitors assured us that issues identified were minor and that they intended to recommend Continued Full Accreditation in their report. Dr. Garber repeatedly stated that our program was "excellent," and nothing identified could possibly jeopardize accreditation. Dr. King sent out a letter which lists specific commendations as well as the few "suggestions for improvement." If you did not receive this letter and would like to see it, please let us know.

Level II Training

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

2007

Monday, April 2nd at 10:00 AM

Thursday, May 3rd at 1:30 PM

Monday, June 4th at 10:00 AM

Thursday, July 5th at 1:30 PM
Monday, August 6th at 10:00 AM
Thursday, September 6th at 1:30 PM
Monday, October 1st at 10:00 AM
Thursday, November 1st at 1:30 PM
Monday, December 3rd 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:
April 4, 2007
May 9, 2007
June 13, 2007
Bring your employee ID number to sign in. Contact erin.foley@louisville.edu to reserve your spot.

Congressional Research Service Issues Updated History of AWA

The **Congressional Research Service (CRS)** has issued an updated report titled "*The Animal Welfare Act: Background and Selected Legislation.*" CRS is the public policy research arm of the **U.S. Congress**. As a legislative branch agency within the **Library of Congress**, CRS works exclusively and directly for **Members of Congress**, their Committees and staff on a confidential, nonpartisan basis. For a copy

of the report, please email:
info@fbresearch.org.

**March 2007
JAALAS**

The following are the titles of the publications in the March issue of AALAS's Journal of the American Association of Laboratory Animal Science (JAALAS):

- [A Specific Polymerase Chain Reaction Based on the gyrB Gene Sequence and Subsequent Restriction Fragment Length Polymorphism Analysis of Pasteurella pneumotropica Isolates from Laboratory Mice](#)
- [Anesthesia for Cardiovascular Interventions and Magnetic Resonance Imaging in Pigs](#)
- [Automated Mouse Euthanasia in an Individually Ventilated Caging System: System Development and Assessment](#)
- [Comparison of Cardiovascular Effects of Tiletamine–Zolazepam, Pentobarbital, and Ketamine–Xylazine in Male Rats](#)
- [Complete Blood Count, Clinical Chemistry, and Serology Profile by Using a Single Tube of Whole Blood from Mice](#)
- [Discrimination of C57BL/6J Rj and 129S2/SvPasCrl Inbred Mouse Strains by Use of Simple Sequence Length Polymorphisms](#)
- [Effect of Method of Euthanasia on Sperm Motility of Mature Sprague-Dawley Rats](#)
- [Efficacy of Fenbendazole and Milbemycin Oxime for Treating Baboons \(*Papio cynocephalus anubis*\) Infected with *Trichuris trichiura*](#)
- [Epistylididae Ectoparasites in a Colony of African Clawed Frogs \(*Xenopus laevis*\)](#)
- [Genomic Comparison of Lewis and Wistar-Furth Rat Substrains by Use of Microsatellite Markers](#)
- [Guidelines for the Assessment and Management of Pain in Rodents and Rabbits](#)
- [Strategies for Refinement of Abdominal Device Implantation in Mice: Strain, Carboxymethylcellulose, Thermal Support, and Atipamezole](#)
- [The Evaluation of Whole-body Plethysmography as a Semiautomated Method for Analysis of Emesis in the House Musk Shrew \(*Suncus murinus*\)](#)
- [Use of Environmentally Enriched Housing for Rats with Spinal Cord Injury: The Need for Standardization](#)
- [Uterine Epithelioid Trophoblastic Tumor in an African Green Monkey \(*Chlorocebus aethiops sabaucus*\)](#)

- [Variation in Organ Volumes of Matched BALB/c Mice by Microcomputed Tomography Analysis](#)

Don't miss the publication by some of our own here at U of L. 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.)

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AALAS Membership Drive

On Thursday, April 12th at 12:00 pm in B-building 202, there will be a membership drive for the KY Branch of the American Association of Laboratory Animal Science (AALAS). Please join us to learn the benefit of this professional society. More information will be sent soon.

**Animal Ethics Brochure
Developed by the Sleep
Research Society**

The **Sleep Research Society**, with the assistance of the **Committee on Animal Research Ethics (C.A.R.E.)**, has developed a brochure entitled "**Animal Research Ethics**" to inform patients, the public, and health care personnel about the critical role of animal research in understanding and treatment of sleep disorders. For more information go to the website

www.sleepresearchsociety.org/AnnouncementsDetails.aspx?id=309.

NIH Director Advocates Stem Cell Research and Increased Funding at Senate Hearing

As reported by *Congressional Quarterly*, National Institutes of Health Director Elias Zerhouni told a Senate appropriations subcommittee on March 19 that the government's current stem cell research policy is delaying progress in finding medical cures. "Scientists are trying to understand through stem cell research how to program and reprogram DNA," Zerhouni told the subcommittee, suggesting that the nation that figures out how to do that first will have a big economic edge. "It's important that NIH lead this research effort because no other entity in the world has the same scientific prowess and because it has a strong track record of implementing safeguards in areas of breakthrough research," he said. "America cannot afford to trail other nations in this research area," he added, noting that economic competitors including Europe, China and India are investing heavily in embryonic stem cell research. He also emphasized the importance of a sharp increase in NIH funding and said that recent funding of NIH is forcing the agency to move more slowly than it should.

A report co-authored by the University of California, Columbia University, Harvard University, The Johns Hopkins University, Partners HealthCare, the University of Texas at Austin, Washington University in St. Louis, the University of Wisconsin Madison, and Yale University was also released March 19 to highlight the importance of increased funding for NIH. A copy of the report can be downloaded at this web site: hms.harvard.edu/public/news/nih_funding.pdf

District 5 AALAS Meeting

The Northern Ohio Branch of AALAS has put together a meeting of getting back to the basics for technicians. This year's meeting is being held May 2-4th at the Bertram Inn and Conference Center near Cleveland, OH.

Be sure to check out the web site www.nob.d5aalas.org and click on the "Rockin' Monkey" for expanded information about the lectures, posters, and the opening reception "Rockin' into Research". Here you can see the program and get your registration form. It promises to be both educational and fun.

New Breeding Strategies Resource Manual

This manual describes breeding strategies and techniques for maintaining colonies of laboratory mice. These techniques have been developed and used by The Jackson Laboratory for over 75 years and are safe, reliable, economical, efficient, and ensure that the mouse strains produced are genetically well defined. The manual includes example calculations for sizing mouse colonies and determining colony maintenance costs.

Download the PDF at http://jaxmice.jax.org/literature/manuals/breeding_strategies_manual.pdf?WT.mc_id=201343. Request a printed copy at http://jaxmice.jax.org/literature/index.html?WT.mc_id=201343

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). For more information, e-mail jaxservices@jax.org, or call 1-800-422-MICE (6423) or 1-207-288-5845.

World Week for Animals in Labs

World Week for Animals in Labs is scheduled for **April 22-28** this year. We will have more announcements as the week nears.