

# Research Resources

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

**Vol. III, No. 3**

**March 2008**

**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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## **The Director's Cut: USDA and AAALAC News**

*By William W. King, PhD, DVM, DACLAM*

### **Good News (Only Slightly Tardy):**

I had just settled into my chair to begin dissecting my e-mail "in" bin on Thursday, 3 January 2008, my first day back after 12 hours in the car with two kids (solo, I might add), when Ralph knocked on my door to present Dr. John Poe, our USDA-APHIS Veterinary Medical Officer (more commonly referred to as "Inspector"). Needless to say, my day was shot – spent escorting Dr. Poe through and about our animal facilities and program. From your "Level II Training," you will recall that we are subject to surprise inspections and that significant deficiencies can be devastating (e.g., fines, FOIA postings on Web). I am pleased to report that Dr. Poe was himself pleased, and notably impressed with the conditions of the RRC and the new CII surgical facility.

I no longer anticipate reports of "no findings" from the USDA – conventional wisdom suggests that they are expected to



identify *something*. Fortunately, his one minor finding was a box of very recently expired drugs in an investigator's "crash cart," which was rectified immediately and therefore required no additional follow-up. While we can still hope for a "clean report," this is essentially the best outcome we could have expected.

On a related front, you all received several notices last spring of our anticipated Continued Full Accreditation from AAALAC, International, following our site visit in March 2007. We received our official letter this summer, documenting that the Council had no additional suggestions for improving our program (!). I intended to send you a notice, but never "got around to it." There.

## **Dr. King Writes Article for Compliance Companion**

For those of you who are unaware of this publication, *Compliance Companion* is a quarterly e-publication put out by UofL's Office of Research Integrity. In the latest issue, Dr. William King wrote an article in which he references an upcoming FAQ section on the IACUC website. As a preview to this section, he has written the article about one of the most frequently-asked questions relating to completing the IACUC's *Proposal to Use Laboratory Animals in Research and Teaching (Proposal)* form. He has compiled what he believes are (at least some of) the most common sources of reviewer query, at least in hopes of stimulating deliberation and discussion from our research staff. The most recent *CC* can usually be found at <http://www.ori.louisville.edu/>, but the previous issue is still at this link. If you

would like a PDF copy of this quarter's *Compliance Companion* and Dr. King's article please let me know.

### **World Laboratory Animal Liberation Week April 20-26**

Laboratory Animal users are reminded that World Laboratory Animal Liberation week will be the fourth week of April. While the definite schedule of events has yet to be posted, past WLALWs have included rallies, protests, news conferences, literature tables, and other events at various locations associated with animal research. NABR members are encouraged to be on the alert during these events. We will be monitoring these events and will alert members when we become aware of actions that may affect your institutions. If your institution allows you to view animal rights Web sites, you can find more information, including examples of past types of events at <http://www.all-creatures.org/wlalw/>.

### **March 2008 JAALAS**

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

- [Ammonia and Carbon Dioxide Concentrations in Disposable and Reusable Ventilated Mouse Cages](#)
- [Comparison of Technicians' Ability to Detect Clinical Signs in Rats Housed in Wire-bottom versus Solid-bottom Cages with Bedding](#)
- [Concentration and Emission of Airborne Contaminants in a Laboratory Animal Facility Housing Rabbits](#)
- [Development and Application of a Novel Environmental Preference Chamber for Assessing Responses of Laboratory Mice to Atmospheric Ammonia](#)
- [Effect of Housing Density on Reproductive Parameters and Corticosterone Levels in Nursing Mice](#)
- [Effects of an Enrichment Device on Voluntary Alcohol Consumption on Single-Housed Rats](#)
- [Effects of Housing Density on Weight Gain, Immune Function, Behavior, and Plasma Corticosterone Concentrations in BALB/c and C57BL/6 Mice](#)
- [Physiology and Clinical Pathology of Laboratory New Zealand White Rabbits Housed Individually and in Groups](#)

- [Quantification, Distribution, and Possible Source of Bacterial Biofilm in Mouse Automated Watering Systems](#)
- [Social and Physical Environmental Enrichment Differentially Affect Growth and Activity of Preadolescent and Adolescent Male Rats](#)

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.)

### **2008 Charles River Short Course**

The 2008 Charles River Short Course on Laboratory Animal Science will be held June 16-19 at the Boston Marriott Newton Hotel in Newton, MA. Register before May 23rd and receive \$100 off the standard course fee (commercial fee is \$1250 and nonprofit fee is \$999 after discount). Registration includes all course materials (articles, references and outlines) on CD-ROM; notebook for speaker slides; breakfast, lunch, breaks and welcome receptions; and transportation to all social activities. A block of hotel rooms has been reserved at a special rate of \$134/night for a single or a double. To receive this special rate, reservations must be made by May 26th. Reservations may be made either by phone at 1-800-228-9290 or on-line at [www.newtonmarriott.com](http://www.newtonmarriott.com). Please indicate that you are attending the Charles River Short Course. If you have never been to the Short Course, it is a great opportunity to meet new people in the same field and exchange ideas and information. The course lasts four days and is designed to educate and update the biomedical research community on current trends and technological advances in the field of laboratory animal science. The course is broken into three tracks that include over 60 topics presented by members of Charles River's professional staff as well as guest speakers. Attendees can go to the topics of their choice among; there is no need to sign up for a particular track. All attendees receive a Certificate of Attendance for their course hours to send in for a **Continuing Education Certificate**.

In addition, as part of an ongoing collaborative effort with the American College of Laboratory Animal Medicine (ACLAM), next year's Short Course will once again include Camp ACLAM. Camp ACLAM is presented within the framework of the Short Course to reach out to laboratory animal veterinarians who are eligible for ACLAM boards based on experience. Veterinarians are encouraged to go to the lectures of their choosing as well as attend over five hours of instruction on preparation for the board examination. Attendees will also be broken into small discussion groups in this one day training.

For more information go to:  
[http://www.criver.com/about\\_charles\\_river/events/short\\_course/](http://www.criver.com/about_charles_river/events/short_course/).

**Availability of ICCVAM  
Recommendations on the Use  
of In Vitro Cytotoxicity Test  
Methods for Estimating  
Starting Doses for Acute Oral  
Toxicity Tests**

NICEATM announces (*Federal Register*, Vol. 73, No. 58, pp. 15757-15758, March 25, 2008) availability of the **ICCVAM Test Method Evaluation Report: In Vitro Cytotoxicity Test Methods for Estimating Starting Doses for Acute Oral Systemic Toxicity Tests (NIH Publication 07-4519)**. The report describes two *in vitro* basal cytotoxicity test methods that can be used for estimating starting doses for acute oral toxicity tests. The report recommends the use of these methods in a weight-of-evidence approach to determine starting doses for acute oral systemic toxicity tests with rodents. You can find the report at [http://iccvam.niehs.nih.gov/methods/acute\\_tox/inv\\_nru\\_announce.htm](http://iccvam.niehs.nih.gov/methods/acute_tox/inv_nru_announce.htm).

**Quarterly Sentinel Results**

Recently I sent out Dr. Kyle's Quarterly Sentinel Report. If you or someone you know did not receive it and would like to have a copy, please let me know and we will get it to you ASAP.

**Training Announcement**

The following is a list of Level III - Basic Rodent Biomethodology 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**

April	17 <sup>th</sup>
May	15 <sup>th</sup>
June	19 <sup>th</sup>

**B2V Room #47 \***

April	15 <sup>th</sup>
May	13 <sup>th</sup>
June	17 <sup>th</sup>

\*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:

**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.

### **New Website for Bloodborne Pathogen Training**

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://louisville.edu/dehs/train/bbp.html>. 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**

**Monday, April 7th 10:00 AM**

**Thursday, May 8th 1:30 PM**

**Monday, June 2nd 10:00 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.