



## Aab Cardiovascular Research Institute

### VIVARIUM UPDATE - January 24, 2008

Happy New Year!

The Animal Resource will be providing periodic updates for all CVRI staff working within the vivarium. This will include results from routine animal colony health surveys and any proposed program enhancements. If you have any questions or comments about the two topics below, please call one of the University veterinarians at X5-2651.

- **Colony Health** – All serology and parasite testing to date indicates that all animals at CVRI are specific pathogen free.

E132, the pinworm risk room, is now closed. All mice were gone from the room on January 18. As the population of the room neared zero, complete pinworm testing was performed on five litters of sentinel pups. These animals had been placed in open-topped cages to increase their exposure to any pinworm eggs that may have been in the room. They were tested at the age when pinworm infections are most likely to be manifested. **All test results were negative.**

The two pinworm risk procedure rooms, E137 and E143, will also be closed and heated to 80F for 2 weeks prior to decontamination.

In the rest of the facility, sentinels will be exsanguinated from E123, 125 and E133 next week. Although we generally perform expanded testing on sentinels annually, these sentinels, which have only been in place for 3 months, will receive the expanded testing as an extra means to characterize the health of the CVRI colonies. Investigators will be notified of the results.

- **"CVRI- NEW Employee Training"**

Just a reminder regarding the required training prior to entering the CVRI Vivarium and working with animals:

Animal Resource Orientation (1 hour class).

CVRI Tour - contact the Animal Resource Office (X5-2651) to schedule a tour.

SMD/KMRB Tour - if you have colonies of animals in the SMD or KMRB

Microisolator Technology Training (MIT - Blackboard course) - if your animals are housed in the one-way facility or if house using Microisolator Technology Husbandry.

Rodent Euthanasia (Carbon dioxide euthanasia - Blackboard course) - if the protocol describes carbon dioxide narcosis as the euthanasia method.

Rodent Colony Management (Blackboard course) - if you are managing a rodent breeding colony.

Survival Rodent Surgery (CD) - if you are performing recovery surgery on rodents•

**Species Specific Training**

Basic Mouse Biomethodology (CD) - if you are working with mice

Rat (DVD) - if you are working with rats

Guinea pigs (VHS) - if you are working with Guinea pigs

Rabbit (VHS) - if you are working with rabbits.

Other species - UCAR has available other training material for dogs, gerbils, hamsters and ferrets.

- **Animal Resource Web Site** ([www.urmc.rochester.edu/vivarium](http://www.urmc.rochester.edu/vivarium)) Check out the web site for the link to archived CVRI Updates. We will also be using this site in the future to expedite animal moves and process other reports and requests.