

Quarterly Newsletter August 3, 2016



Cryopreserved sperm samples at the Transgenic Animal Facility

Bio-Banking of Mouse and Rat Gametes

Don't risk losing your line due to genetic drift or disease outbreak! The Transgenic Animal Facility (TAF) at the Biotechnology Center will cryopreserve your valuable strains of mice and rats for a nominal fee. They can freeze fertilized embryos or sperm and bring back your lines using in vitro fertilization. They also export and import frozen samples around the world- minimizing the need to ship mice to your collaborator or import animals from outside institutions. Contact the TAF at taf@biotech.wisc.edu or go to their [webpage](#) to learn more!



Expired Substances: What's the Big Deal?

If [USDA](#) inspectors find expired drugs, fluids, or medical materials in animal use areas they will issue the University a citation, which will likely result in a fine. If the [ACUC](#) finds expired materials on an inspection they will label it a "deficiency" for your lab or the facility. Expired substances are forbidden in animal use areas (such as in the animal facility) unless they are labeled "for terminal use only" and segregated from in-date materials. *Note: expired anesthetics, analgesics, and rescue drugs may NEVER be used on any live vertebrate animals.*

How can you dispose of expired materials? Bring your expired substances* to your RARC vet techs, visit the Chemical Safety [website](#) for pick-up instructions, or email pharmacy@rarc.wisc.edu for help and advice.

*Controlled substances (ketamine, buprenorphine, etc.) cannot be brought to RARC or picked up by Chemical Safety. Email apas@rarc.wisc.edu for help with controlled substance disposal.



Bring your small quantities of expired drugs to your vet tech for disposal!



News from the RARC Breeding Core

Breeding Help: Do your mice just not seem to be in the mood? We can help! Contact Jody Peter for personalized help with improving and optimizing your mouse breeding program. Email peter@rarc.wisc.edu

Specific Strains: Before you order transgenic/knockout mice from a vendor, why not [contact the RARC breeding core](#) to inquire if they already have your desired strain available for distribution?

What Special Stains Can Do for You!

Are you looking for deposition of fibrin, amyloid or bacteria in your animal tissues? Special stains offer a way to find and identify specific details on a slide such as bacteria, fungi, blood cells, collagen, fibrin and more!

Click [here](#) to read about special stains available from the RARC Comparative Pathology Lab and their uses.

Not sure what you need? Need a stain not listed here?

Contact Beth Gray, CPL Histotechnologist, at 262-0933 or email gray@rarc.wisc.edu.

GMS stain for fungi (left), and trichrome stain for connective tissue (right).

Do you know where to put your animal carcasses?

The primary method for disposing of animal carcasses is to place them in the designated refrigerator or freezer in your animal facility. Alternatively, EH&S will [pick up animal carcasses upon request](#). Carcasses should **not** be placed in the trash, sharps containers, medical waste bins, or other unauthorized locations.

If you have carcasses that have been exposed to biohazardous materials, follow the specific disposal instructions in your biosafety protocol.

ARROW Tips

Responding to review questions: Check out the new [ARROW tip](#) for responding to pre-review and committee review questions in ARROW. While you're there you can peruse the other [ARROW tips](#) and you may learn something helpful!

Formatting text: You might have noticed that you can't always use text formatting in your responses to ARROW questions. But in three sections of ARROW-IACUC, you do have the ability to use symbols, superscripts, subscripts, underlining, bolding, tables, and other formatting. These sections are: Significance and Justification, Experimental Narrative, and Number of Animals- Justification.

Just click on the little arrow in the top right corner of the answer field and the formatting toolbar will appear.

The Group Formerly Known as FIFIs

Some of you may remember the “Find it Fix it” folks in RARC. They are still here, they've just changed their name! Embracing their formal title of Animal Program Assessment Specialists, this group of three professionals can help get labs ready for AAALAC site visits, help you with your animal medical records, provide advice for DEA controlled substance requirements, and perform grant-protocol congruence checks so you can get your money from NIH or NSF. Check out the assessment specialist [webpage](#) on the RARC website!

Questions? Comments? Email the RARC Newsletter team at newseditor@rarc.wisc.edu
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