



Immuno-histochemistry/fluorescence workshop - February 25, 2004

See the attached flier for more information. SWEHSC-affiliated individuals who pre-register will receive a printed copy of the handouts.

Do you know what we can do?

Or perhaps more importantly, do your staff and students know what the Cellular Imaging Core can do? Doug Cromey would like to periodically attend your lab meetings to explain what the Core is all about and to answer any questions that you may have related to experimental design, the capabilities of available instrumentation, and/or interpretation of results.

Did You know that...

- During the past funding cycle the imaging facilities associated with the Cellular Imaging Core bought or upgraded equipment worth over 1.1 million dollars?
- The Core provided service and support to over 120 different grants/accounts during the last funding period?
- That the Core's web site averaged 154,600 page requests in 2003? Or that it had been featured in Science?

LM scopes moving to LSN 429

The Deltavision deconvolution fluorescence microscope and the CBA Image Analysis workstation will soon be moving to Life Sciences North room 429. This is to provide office space for new faculty members in Cell Biology & Anatomy. We anticipate that room 429 will have a key code lock, but that is not definite yet. Users of these instruments should contact Doug Cromey to keep up-to-date on the status of the moves.

Formaldehyde

Recently the CBA Histology Core had a situation where a (non-SWEHSC) user was dissatisfied with the quality of their samples. It turns out that their fixation protocol included formaldehyde that was several years old. Changing to fresh fixative greatly improved their sample quality and satisfaction levels.

To help users avoid this problem in their labs, the Core has a two page handout available that provides useful information about formaldehyde fixation, storage and safety. We can email users the document as an Adobe Acrobat (PDF) file or provide it in hard copy. It's also available on our website at:

<http://swehsc.pharmacy.arizona.edu/exppath/resources/formaldehyde.html>

Better and Easier than NIH-Image, Scion PC-Image, or ImageJ?

The Image Analysis workstations run the SimplePCI software image analysis software. This software is more powerful than freeware image analysis programs, it can analyze digital images from just about any source, it can measure multiple parameters simultaneously, it provides statistics and graphs on each parameter, and the software can output all the data or just a summary to a Microsoft Excel™ worksheet. Doug Cromey has 15 years of experience in image analysis and 4 years experience with this particular software. He can set users up with a macro that can analyze their images quickly and easily. Contact Doug for more information.

After April 1, 2004, non-SWEHSC members will most likely be charged a consultation fee for access to Mr. Cromey's expertise.

Changes in the Core:

Ms. Benally's office has temporarily been moved to Life Sciences North room 454 (CBA grad student office), her telephone will be forwarded to the new location. Ms. Benally's last day with the Core will be March 31, 2004.

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