



What Resources are available “out there”:

- If you're new to the campus, it's possible that you are unaware of the many specialized core facilities that are available to provide services to UA researchers. On Tuesday, October 24 there will an AHSC Core Facilities open house at the Arizona Cancer Center (room 2920, 12:15-1 PM). Representatives from the different facilities will be there to answer your questions. Stop by and learn more about the SWEHSC facility cores as well as other Service cores or shared equipment on campus. Brown bag lunches are welcome.
- To learn more about any of the SWEHSC facility cores (*Analytical, Synthetic Chemistry, Transgenic Mouse, and Experimental Pathology*), visit the SWEHSC web site at: <http://swehsc.pharmacy.arizona.edu/cores.html>

Molecular & Cellular Pathology Core changes:

- Effective November 1, 2000, the Arizona Cancer Center's Molecular and Cellular Pathology Core Lab will no longer have staining reagents. Until then, small numbers of aliquots will be available as usual. During the last week in October, users will be able to purchase all remaining aliquots in any quantity. If you are interested in purchasing extra reagents, please email Kathleen Kunke by October 27. She will work out the details and share the reagents among all interested parties. Kathleen has a list of the reagents that are available.
- If you would like to order your own reagents, please email Kathleen and she will send vendor information and instructions for preparing the staining reagents. She can be reached at 626-5514 or kathleek@u.arizona.edu
- Kathleen will continue to be available to assist SWEHSC investigators with experimental design questions and troubleshooting of immunohistochemical and immunofluorescence techniques.

Digital Image Analysis Equipment news:

- The image analysis system located in the AZCC has been available for the last year or so. The system has a Nikon E600 upright microscope and a digital camera for capturing 24 bit RGB images or 8 bit Grayscale images. The system can be used to capture brightfield or phase contrast microscopic images. Access to room 0935 in the Cancer Center is restricted due to other activities in the adjoining lab, so users must contact Kathleen Kunke to gain access to the system.
- The image analysis system in Cell Biology & Anatomy has been available for approximately 6 months. The system is attached to an Olympus inverted microscope with brightfield, Phase contrast and DIC capabilities. Eventually this microscope will be able to capture fluorescence images; however, we are still working out the technical details with the vendor. The microscope is equipped with a 12 bit grayscale camera with a maximum resolution of 1280x1024 pixels. Access to this system can be obtained through Doug Cromey or the CBA Histology Service lab.
- Both systems use the SimplePCI software (*C-Imaging Systems*) for image analysis. If you are interested in measuring structures from light microscopic slides, confocal images or scanned electron microscope images contact Doug Cromey to discuss your project.

People news:

- Andrea Grantham, of the CBA Histology Service Core, was an invited co-presenter at a workshop at the annual meeting of the National Society for Histotechnology. The workshop was entitled: “Microwave Tissue Processing: Fact not Fiction”.
- Dr. Lantz and Dr. Mark Witten of the SWEHSC were recently in Saudi Arabia as part of a team from the UA that was consulting with the Saudi government about starting a new university in that country. Towards the end of their visit they had the opportunity to talk to several people about the possibilities for toxicology-related research collaboration and environmental problems in the kingdom.

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