

Core Biology Facility Fall 2009 Newsletter

Molecular Biology Lab 316 IACC ~ Tissue Culture Lab 354 IACC ~ Manager's Corner

List of Equipment:

GE Healthcare Storm 865 Imager

- Refrigerator
- 20°C Freezer
- 80°C Freezer
- heat blocks
- Accuri C6 Flow Cytometer
- 2 microcentrifuges
- Eppendorf 5430 centrifuge (spins 96-well plates)
- Gemini EM Microplate Fluorometer
- Agilent 2100 Bioanalyzer
- 2 ABI 7500 Fast Real-Time PCR Machines
- 2 ABI 2720 thermocyclers
- Axon 4000B Genepix Microarray Scanner
- Allegra 25R table-top centrifuge
- DU 530 UV/Vis spectrophotometer

Jodie is also available for consultation on experimental design and data analysis.

We were recently able to add a Storm 865 Imager to our Molecular Biology Lab! This imager is able to detect blue and red fluorescence and chemifluorescence, in addition to performing filmless autoradiography. Please contact Jodie to learn how to use this equipment, or to discuss how this imager can assist you in your research!

Nobel Prize Winner: Dr. Linda B. Buck

List of Equipment:

- 3 Biosafety Cabinets/Tissue Culture Hoods (4 work stations)
- Liquid Nitrogen cell storage system
- Leica DMIL inverted fluorescent microscope with a CCD digital color camera
- Electroporator
- Thermo Multiskan Spectrum microplate spectrophotometer

Media Components:

-We stock several kinds of HyClone media available for purchase in the CBF, including:

DMEM (high glucose)
Iscove's MDM
RPMI 1640
McCoy's 5A
F-12 K
Ham's F-12 K

-We also carry defined and characterized FBS (Hyclone), trypsin, trypsin-EDTA, pen/strep, PBS, HBSS, and L-glutamine.

If we don't have it and you want- We'll get it! You just have to let us know!

Manager: Dr. Jodie Haring
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Our VWR Replenishment System is stocked and ready to go! We have tissue culture and bacterial media, enzymes for PCR and RT-PCR, DNA and RNA isolation kits, gloves, tips, and **much more!** To see a complete list of products we carry, login to www.vwrsp.com and click on "Custom Catalog" on the upper left side. If you need to register, or cannot view the custom catalog, please let me know and I'll get you hooked up!

Guess the Nobel Prize Winner: I co-discovered the large gene family that encodes for over 1000 different olfactory receptor types. I also helped decipher how the olfactory system is organized and how our sense of smell influences our sense of taste.