

Core Biology Facility Spring 2009 Newsletter

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

List of Equipment:

- 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
- Thermo Multiskan Spectrum microplate spectrophotometer
- 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
- UVP Electronic gel documentation system

Did you know you can reserve time on some of our equipment online?

www.ndsu.edu/cpr/biology/calendar.html

We have recently added a calendar for the Accuri Flow Cytometer. Please also remember to book an appointment with Jodie at the same time as your run if you are new to using the Accuri.

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

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 I don't have it and you want- I'll get it! You just have to let me know!

Manager: Dr. Jodie Haring
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We recently added fluorescence capabilities to our Leica DMIL inverted microscope! We now have the power source and filters to do green, red, and blue fluorescence and have upgraded our camera to take great pictures of fluorescent samples. A BIG thank you to Dr. Glenn Dorsam for purchasing this equipment!

We have a variety of Corning plastics for purchase in the CBF. Please stop by or contact Jodie for a list of available products and pricing.

Guess the Nobel Prize Winner: I am a developmental biochemist who discovered one of the first growth factors, nerve growth factor, which helped scientists understand how cells communicate with one another and unlock some mysteries of CNS development.