

Shared Equipment in BSB

Equipment/Instrument	Location	Contact
DNA/RNA Analysis		
• NanoDrop UV/Vis Spectrometer	BSB 2-88	<u>Dr. William Chirico</u>
• FluoroMax-3 Fluorescence spectrometer by Horiba	BSB 2-88	Dr. William Chirico
• NanoDrop (from Gintzler lab)	BSB 3-72	<u>Dr. Richard Kollmar</u>
• Bio-Rad CFX384 Real-Time PCR System	BSB 2-10	Dr. Patrick Geraghty
Centrifuges		
• Beckman ultracentrifuge (2 available)	BSB 2-92	Dr. William Chirico
• Sorvall centrifuge 5B (2 available)	BSB 2-92	Dr. William Chirico
• Benchtop ultracentrifuge (Gintzler lab)	BSB 3-72	Dr. Richard Kollmar
Microscopes		
• Zeiss LSM 800 Confocal microscope	BSB 3-57C	Dr. Richard Kollmar
• Conventional fluorescence microscope	BSB East 3rd floor	Dr. Richard Kollmar
• Keyence fluorescence microscope and sectioning module	BSB 4-130	<u>Dr. Ivan Hernandez</u>
Plate Readers		
• Tecan plate reader	BSB 2-88	Dr. Richard Kollmar
• Perkin-Elmer fluorescence plate reader	BSB 3-72	Dr. Richard Kollmar
• Bio-Rad Bio-Plex 200 System	BSB 2-55	Dr. Patrick Geraghty
Imaging and Qauntification		
• UVITEC Chemiluminescence imaging system	BSB 3-72	Dr. Richard Kollmar
• LiCor Odyssey Infrared Imager	BSB 3-72	
Flowcytometry		
• BD LSR-Fortessa flow cytometer	BSB 7-077	Dr. Smith-Norowitz
• Novocyte flow cytometer	BSB 3-72	Dr. Chongmin Huan
• Bio-Rad S3 cell sorter	BSB 3-72	Dr. Chongmin Huan
Other		
• Sonicator probe	BSB 2-89 coldroom	Dr. William Chirico
• Sonicator bath	BSB 3-72	Dr. Chongmin Huan
• Beckman scintillation counter	BSB 2-92	Dr. William Chirico
• Gamma counter (Gintzler lab)	BSB 2-92	Dr. William Chirico
• X-Omat	BSB 2nd floor east	Dr. Lorin Weiner
• Perkin Elmer Liquid scintillation and luminescence counter	BSB 3-72	Dr. Jiang

Major equipment available for use, owned by Mirimus, Inc

Mirimus is a company located in the Downstate Biotechnology Incubator

Cell Imaging

- Fluorescent microscopes
- Confocal microscope
- High powered digital microscope
- Guava Fluorescence Cell Analyzer
- Attune Fluorescence Cell Analyzer
- IncuCyte Live-Cell Analysis System

Plate reader

- SpectraMax Microplate Reader
- AquaMax 2000 ELISA plate washer
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Cytometry

- Flow cytometer, laser scanning cytometer and a cellsorter
- NamoCell Cell Sorter

Other

- Hamilton Automated Screw Cap Decapper
- Mantis automatic liquid handler
- Viaflow 96/384 automatic pipet handler
- Integra Assist pipetting robot
- 620 Potentiostat/Galvanostat/ZRA, Gamry
- Reichert Surface Plasmon Resonance (SPR)

DNA/RNA analysis

- Amaxa electroporation machine
- Lonza 4D-Nucleofector Transfection System
- LI-COR C-DiGit Blot Scanner
- QuantStudio 7 and 5 Real-Time PCR System
- KingFisher Sample Purification System
- iQ Cyclor (Thermocycler)

Animal imaging

- VisualSonics Vevo F2 LT Ultrasound
- Micromanipulator for blastocyst injection
- MYRA liquid handling system
- Coloview Endoscope, Storz
- Leica M165 FC Fluorescent Stereo Microscope
- Dissecting microscope and camera
- QiAxel capillary DNA analysis for rapid genotyping

Contact

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