

Palm Beach State College Biotechnology Instrumentation and Equipment

Large Equipment

Revco Upright Freezer (-20C)

Tuttnauer Autoclave – Large

Tuttnauer Autoclave – Small

Scotsman Ice Machine

Algae Photobioreactor

Superspeed Centrifuge

AKTA Explorer 100 Chromatography Machine

Licor Automated DNA Sequencer with Micro Satellite Package

Agilent GC Mass Spectrophotometer

Laminar Flow Hoods for Tissue Culture (3)

BioStat A Plus Bioreactors (Mammalian and Microbial) (2)

Coulter Cell Counter

Applied Biosystems Step One Plus RT-PCR

Perkin and Elmer HPLC

Nanodrop Spectrophotometers (3)

Thermo Electron Corporation (-80C) Chest Freezer (Large)

Sorvall Biofuge Stratus (Centrifuge)

VWR Chest Freezer (-20C)

Revco Mini-Refrigerator (3)

Revco Upright Refrigerator - 1

Chromatography Refrigerator - 1

Liquid Nitrogen Tanks (2)

Allegra 6R Centrifuge - 1

Eppendorf Centrifuge 5702R - 1

Labconco Centrivap (Vacufuge) - 1

Eppendorf Vacufuge- 1

Barnstead Nanopure Diamond Water Purifier System - 1

Water Still – 1

Polyscience Water Chiller - 1

Small Equipment (Benchtop)

Spectrophotometers (6) – Turner (1) , Thermo Electron (5)

Microscopes (6) – Inverted, Phase Contrast

Biorad Rockers - 2

New Brunswick Shaking Incubator - 1

Analytical Balances - 5

Microfuges - 13

Water Baths – Fisher Isotemp (2) , ArmaLab (1)

pH meters - 6

Hot/Stir plates - 6

BioRad Plate Reader – 1

Orbital Shaker – 1

BioRad Gel Drying System

BioRad Thermocycler (2)

BioRad Plate Washer

Gel Documentation System (2)

Lightboxes (2) – Edvotek Transilluminator, UVP white/ultraviolet transilluminator

Plate Washer – Thermo Electron Corporation WellWash 4 MK2

Vortexer – 10

Gel rigs (DNA and Protein) – 9 DNA Chamber, 9 Protein, 7 Protein Western

Power Supplies - 9

BioRad Mini-Incubators (2)

Sorvall Fresco – 1

Sorvall Legend Micro 21R Centrifuge – 1

VWR Dry Block Heater/Block – 2

Blender - 1

Incubators – CO₂ (2)

Thermo Scientific Finnpiquette – (8)