

Palm Beach State College Biotechnology Equipment List:

Core Biotechnology Laboratory - SC 214 (1,231 Sq Ft)

Mettler Toledo Analytical Balances (4)
Table-top balances (3)
Bio-Rad Gel Documentation System (1)
Applied Biosystems StepOnePlus Real-Time PCR System (1)
New Brunswick Shaking Incubator (1)
pH meters (5)
Bio-Rad Thermal Cycler (2)
Edvotek Thermal Cycler EdvoCycler (1)
Bio-Rad Mini-Incubator (2)
NanoDrop Spectrophotometer (2)
Genesys 10 Series Spectrophotometer (5)
Hot Plate/Stirrer (5)
Vortexers / Personal Mini Centrifuges (12)
Waterbath (2)
Dry-Heating Block (2)
Refrigerated microcentrifuges (2)
SafeAire II Chemical Fume Hood with Gas/Water/Vacuum (1)
Perkin Elmer 2300 EnSpire Plate Reader (1)
4C Thermo RevCo Deli Refrigerator (1)
-20C Thermo Revco Freezer (1)
-80C Thermo Ultima II Chest Freezer (1)
CL-1000 UV Crosslinker (Stratalinker) (1)
UV Light boxes (2)
Bacterial incubator / oven (2)
Sinks (3 main) (7 in-bench)

Tissue Culture Laboratory - SC 215 (627 Sq Ft)

Mettler Toledo Analytical Balances (2)
NanoDrop Spectrophotometer (1)
Sartorius Industrial Grade Bioreactors - Bacterial and Mammalian (2)
Laminar Flow Hoods (3)
Inverted Zeiss Microscopes (7)
Fluorescent Zeiss Microscopes (3)
Upright Zeiss Microscope (6)
Inverted Fisher Microscopes (2)
Moticam Microscope (1)
CO2 incubators (2)
Waterbath (2)
ThermoElectron Mini Refrigerators (2)
Autoclave (1)
Life Tech Countess II Automated Cell Counter (1)
Liquid N2 Dewars (2)
SafeAire II Chemical Fume Hood with Water and Gas (1)
Matrix Wellmate Liquid Dispenser (1)
Sink (2)

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Instrumentation Laboratory - SC 217 (844 Sq Ft)

Mettler Toledo Analytical Balances (2)
NanoDrop Spectrophotometer (2)
Bio-Rad Gel Documentation System (1)
Agilent 5975/6890 Gas Chromatography/Mass Spectrophotometer
GE Fluid Phase Liquid Chromatography - AKTA Explorer
Perkin-Elmer High Phase Liquid Chromatography Machine
Algae Photobioreactor
Thermo Electron Superspeed Refrigerated Centrifuge
Beckman-Coulter Allegra Refrigerated Centrifuge
Sorvall RC-6 PLUS Superspeed Refrigerated Centrifuge
Ice-O-Matic Ice Maker
20C Thermo Revco Freezer (1)
4C Thermo RevCo Deli Refrigerator (1)
4C Thermo RevCo Refrigerator
GeneSys UV Spectrophotometer (2)
White Light/ UV Transilluminator (1)
Speedvacs (2)
Sinks (2)
Sartorius BioSTAT A Plus Bioreactor