



**Montgomery College Bioscience Education Center Equipment List**

**Location**

Bioscience Education Center Building  
20200 Observation Drive  
Germantown MD 20876

**Contact**

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Item / Description	Vendor / Model
DNA Sequencer	Illumina / MiSeq
Digital Droplet PCR	BioRad / QX200
Qpcr	BioRad
Qpcr	Agilent
Gradient PCR	BioRad
Electroporator	BioRad Micropulser
Electroporator	BioRad Gene Pulser
Bioanalyzer	Agilent
DNA automated Extraction	Qiagen Qiacube
Plate Reader visible	BioRad / XMark
Plate reader and spectrophotometer fluorescent	Perkin Elmer LS 55
Nanodrop Spectrophotometer	Thermo / Nanodrop 2000C
Spectrophotometer UV/Vis	BioRad/ Smartspec 3000 plus
Imager Document– Chemiluminescent capable	GE / Image Quant LAS 4000
Imager Document	BioRad / Gel Doc EZ
IEF PAGE – automatic	BioRad / Protean il2 IEF
Vertical Gel Electrophoresis Mini gels	BioRad / MiniProtean 3 with blot assembly
Horizontal Gel Electrophoresis	BioRad / Mini subcel
Power Supply 300V	BioRad
Double Stacked CO2 Incubators	NuAire self-sterilizing
2D NMR	Anasazi / Eft 60
LCMS	Shimadzu / 2020

Item / Description	Vendor / Model
GCMS	Shimadzu / QP2010
HPLC	Shimadzu
GC	Shimadzu
Metabolite Analyzer	Nova Biomedical / Bioprofile Flex
Sterile Tubing Welder	Terumo SCD IIB
Plug Sealer	Sartorius
Peristaltic Pumps (0.5 to 100 ml)	Heidolph
Automatic Cell Counter	BioRad / TC10 and TC20
Inverted Microscope	Assorted vendors – Nikon , Leica
Confocal Microscope	Nikon
Cell Sorter / Counter	Biorad S3 with HEPA filter
Autoclave medium – holds up to 5 L vessel	Getinge
Autoclave portable	Panasonic / MLS 3781L
FPLC	GE / Akta Avant
FPLC	BioRad / NGC
TFF	Spectrum / Kros Flo
TFF	Millipore / Labscale
Centrifuge Low Speed – 50 ml - 1 liter rotors	Beckman Coulter / Avanti J-E
pH / conductivity meters	Thermo Science / Orion Versastar
FT-IR	Perkin Elmer / Spectrum 100
-80°C and -150°C Freezers	Sanyo
Bioreactor – mammalian or insect up (currently only 5.0 liter);	New Brunswick / BioFlo 310 (set up for disposable reactors)

