**EQUIPMENT**

**High Performance Computer Cluster**

Please see the “Computational Resources” section of “**FACILITIES & OTHER RESOURCES**”.

**Kinney Lab**

* Epoch 2 microplate spectrophotometer
* BioRad SmartSpec 3000 spectrophotometer
* Invitrogen Qubit 3 fluorometer
* ThermoFisher SimpliAmp thermal cyclers (two)
* New Brunswick Innova 42R refrigerated incubator shaker
* New Brunswick GE24 Environmental incubator shaker
* Sorvall Legend RT refrigerated centrifuge
* Eppendorf 5415R refrigerated centrifuge
* Eppendorf Thermomixer R
* BioRad Gene Pulser electroporator
* Qiagen QIAcube spin column robot
* ThermoScientific GPR refrigerator (23 cubic feet, alarmed)
* VWR Ultra-Low Temperature Upright Freezer (17.3 cubic feet, alarmed)
* Pipettes, water baths, other incubators, other centrifuges, other freezers, etc.
* MakerBot Replicator 2X 3D printer
* A MacBook computer (or variant thereof) for each lab member

**Shared**

* Biacore X100 surface plasmon resonance instrument
* MicroCal iTC200 isothermal titration calorimeter
* SpectraMax i3 microplate reader
* BioTek Synergy 2 microplate reader
* Millipore Guava easyCyte HT flow cytometer
* Nanodrop ND1000 spectrophotometer
* BioPhotometer plus spectrophotometer
* AlphaImager gel imaging system
* Licor Odyssey western blot imager
* Typhoon FLA 7000 laser scanner imager
* Beckman LS 6500 liquid scintillation counter
* Sorvall centrifuges (multiple)
* Sorvall ultracentrifuges (multiple)
* New Brunswick incubator shakers (multiple)

**Next-Gen DNA Sequencing Core Facility**

* Illumina NextSeq 500
* Illumina NextSeq 550
* Illumina MiSeq
* Illumina NextSeq 2000
* PacBio Sequel II
* Oxford Nanopore GridION
* Oxford Nanopore PromethION
* Agilent Bioanalyzer

**Tissue culture Core Facility**

* LABGARD biological safety cabinet (8 cabinets)
* Corning Cyto smart cell counter
* CellDrop BF cell counter
* Nexcelom Cellometer Auto 2000 cell counter
* Olympus CKX31 Inverted Phase Contrast Microscope
* Olympus IX51 Inverted Fluorescence and Phase Contrast Microscope
* Nikon Eclipse TE2000-S Inverted Fluorescence and Phase Contrast Microscope