**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 (two)
* Illumina MiSeq (two)
* Illumina HiSeq 2500
* PacBio RS II (two)
* PacBio Sequel
* Oxford Nanopore MinION

Flow Cytometry Core Facility

* Becton Dickinson LSRII Cell Analyzer (4 lasers)
* Becton Dickinson FACSAria I Cell Sorter (3 lasers)
* Becton Dickinson FACSAria IIU Cell Sorter (5 lasers, 96-well deposition unit)
* Becton Dickinson FACSAria (SORP) Cell Sorter (5 lasers, 96-well deposition unit)
* iCys Laser Scanning Cytometer (3 lasers)
* Computer workstations for the analysis of flow cytometry data (multiple)