

# COM

## Shared Equipment List

Department	Equipment type	Equipment Name	Training required	Advance booking only	Point of contact
Biochemistry & Molecular Biology	centrifuge	Beckman Coulter Avanti J-25 Centrifuge	Y	Y	Boris Zybaylov
Biochemistry & Molecular Biology	centrifuge	Sorval ST16R Centrifuge	Y	Y	Boris Zybaylov
Biochemistry & Molecular Biology	freezer/refrigerator	NuAire Glacier -86 C° UltraLow Freezer	N	Y	Boris Zybaylov
Biochemistry & Molecular Biology	gel imager	Amersham Typhoon P32-Imager	Y	Y	Alicia Byrd
Biochemistry & Molecular Biology	gel imager	GE Image Quant LAS4000	Y	Y	Alicia Byrd
Biochemistry & Molecular Biology	incubator	New Brunswick C25KC Incubator Shaker	Y	Y	Boris Zybaylov
Biochemistry & Molecular Biology	incubator	New Brunswick Innova 4200 Incubator	N	Y	Boris Zybaylov
Biochemistry & Molecular Biology	PCR	BioRad C1000 Thermal Cycler	Y	Y	Boris Zybaylov
Biochemistry & Molecular Biology	plate reader	BioTek Plate Reader	Y	Y	Boris Zybaylov
Biochemistry & Molecular Biology	speedvac	Speed Vac and Condensation trap	Y	Y	Boris Zybaylov
Microbiology & Immunology	cell metabolic analyzer	Agilent Seahorse XFe96 Analyzer (96 well plate format)	Y	Y	Mark Manzano
Microbiology & Immunology	cell metabolic analyzer	Agilent Seahorse XF HS Mini Analyzer	Y	Y	Mark Manzano
Microbiology & Immunology	cell separator	Miltenyi autoMACs pro	Y	Y	Jason Stumhofer
Microbiology & Immunology	centrifuge	Beckman Coulter Avanti J-E centrifuge	Y	Y	Lisa Smith
Microbiology & Immunology	centrifuge	Shandon Cytospin3 (2 machines)	Y	Y	Jason Stumhofer
Microbiology & Immunology	centrifuge	ThermoFisher Scientific Sorvell WX Ultra Series Centrifuge	Y	Y	Lisa Smith
Microbiology & Immunology	gel imager	BioRad ChemiDoc MP Imaging System (1 touch and 1 non-touch)	Y	Y	Karen Beenken
Microbiology & Immunology	gel imager	BioRad ChemiDoc MP Imaging System (1 touch)	Y	Y	Karen Beenken
Microbiology & Immunology	gene synthesizer	SGI BioXp3200 DNA synthesizer	Y	Y	Jon Blevins
Microbiology & Immunology	incubator	New Brunswick Shaking Incubator	N	Y	Lisa Smith
Microbiology & Immunology	incubator	New Brunswick Shaking Incubator	N	Y	Lisa Smith
Microbiology & Immunology	microscope	Jeol JCM-6000 Benchtop Scanning Electron microscope	Y	Y	Karen Beenken
Microbiology & Immunology	microscope	Keyence BZ-X800 All in one Fluorescence Microscope	Y	Y	Karen Beenken
Microbiology & Immunology	microscope	Nikon Eclipse Ti confocal microscope	Y	Y	Karen Beenken
Microbiology & Immunology	microscope	Nikon Eclipse TS100 LED inverted microscope	Y	Y	Karen Beenken
Microbiology & Immunology	microscope	ThermoFisher Scientific EVOS Imaging System	Y	Y	Karen Beenken
Microbiology & Immunology	PCR	BioRad T100 Thermal cycler	N	Y	Lisa Smith
Microbiology & Immunology	plate reader	AID ELISpot plate reader	Y	Y	Jason Stumhofer
Microbiology & Immunology	plate reader	BMG Labtech CLARIOstar plate reader	Y	Y	Karl Boehme
Microbiology & Immunology	plate reader	BMG Labtech CLARIOstar plate reader	Y	Y	Jason Stumhofer
Microbiology & Immunology	realtime PCR	Applied Biosystems QuantStudio 6 RT-qPCR machines (2 machines)	Y	Y	Tiffany Weinkopff
Microbiology & Immunology	sonicator	Corvaris Focused-ultrasonicator ME220	Y	Y	Jennifer Johnson
Microbiology & Immunology	tissue dissociator	Miltenyi gentleMACs Dissociator (holds 2 tubes)	Y	Y	Jason Stumhofer
Microbiology & Immunology	tissue dissociator	Miltenyi gentleMACs Dissociator (holds 8 tubes)	Y	Y	Lin-Xi Li
Microbiology & Immunology	tissue dissociator	MP Biomedicals FastPrep-24 5G (for cell or tissue lysis)	Y	Y	Jon Blevins
Neurobiology & Developmental Sciences	alcohol analyzer	Alcohol Analyser, Analox	Y	Y	JC Douglas
Neurobiology & Developmental Sciences	centrifuge	Beckman Optima MAX XP Ultracentrifuge (bench top)	Y	Y	JC Douglas
Neurobiology & Developmental Sciences	metabolic cage	Oxymax CLAMS (metabolic cages for mice)	Y	Y	Tiffany Miles
Neurobiology & Developmental Sciences	multiplex ELISA	Luminex LX200	Y	Y	Angela Odle
Neurobiology & Developmental Sciences	plate reader	Molecular Devices Spectramax MD Plate Reader	Y	Y	JC Douglas

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Neurobiology & Developmental Sciences	realtime PCR	BioRad CFX96 realtime PCR	Y	Y	JC Douglas
Neurobiology & Developmental Sciences	sonicator	Branson Sonifer 250	Y	Y	JC Douglas
Neurobiology & Developmental Sciences	tissue dissociator	Qiagen PowerLyzer 24 Homogenizer	Y	Y	JC Douglas
Neurobiology & Developmental Sciences	UV-VIS spect	ThermoFisher Nanodrop 2000 UV-VIS spectrophotometer	Y	Y	JC Douglas
Pharmacology & Toxicology	centrifuge	Beckman Optima MAX XP Ultracentrifuge (bench top)	Y	Y	Ricky Leung
Pharmacology & Toxicology	cryostat	ThermoFisher Cryostat HM-25	Y	Y	Ricky Leung
Pharmacology & Toxicology	fluorimeter	ThermoFisher Qubit 4 Fluorimeter	N	Y	Shengyu Mu
Pharmacology & Toxicology	freezer/refrigerator	Electrolux 4C refrigerator	N	Y	Ricky Leung
Pharmacology & Toxicology	freezer/refrigerator	Kenmore -20C freezer	N	Y	Ricky Leung
Pharmacology & Toxicology	freezer/refrigerator	ThermoFisher Revco Value Plus -80 C freezer	N	Y	Ricky Leung
Pharmacology & Toxicology	gel imager	iBright FL1500 Gel documentation	Y	Y	Shengyu Mu
Pharmacology & Toxicology	gel imager	LICOR Odyssey CLx imager	Y	Y	Ricky Leung
Pharmacology & Toxicology	incubator	ThermoFisher MaxQ 6000 Incubated/Refrigerated Stackable Shakers	N	Y	Shengyu Mu
Pharmacology & Toxicology	PCR	BioRad T100 Thermal cycler	N	Y	Shengyu Mu
Pharmacology & Toxicology	plate reader	BioTek Synergy H1 microplate reader	Y	Y	Shengyu Mu
Pharmacology & Toxicology	realtime PCR	BioRad CFX96 realtime PCR	Y	Y	Shengyu Mu
Pharmacology & Toxicology	scintillation counter	Perkin Elmer liquid scintillation counter	Y	Y	Ricky Leung
Pharmacology & Toxicology	UV-VIS spect	ThermoFisher Nanodrop OneC UV-VIS spectrophotometer	N	Y	Shengyu Mu
Physiology & Cell Biology	cell counter	Beckman Coulter - Cell counter - Vi-Cell XR	Y	Y	Melda Onal's lab
Physiology & Cell Biology	centrifuge	Beckman Coulter - Ultracentrifuge - Optima XPN-80	Y	Y	Lupashin's lab
Physiology & Cell Biology	centrifuge	Eppendorf 5810R Table top centrifuge	N	Y	Morello's lab
Physiology & Cell Biology	gel imager	BioRad Gel Imager - Chemidoc	Y	Y	Deldado-Calle's lab
Physiology & Cell Biology	gel imager	LICOR Odyssey CLx imager	Y	Y	Melda Onal's lab
Physiology & Cell Biology	incubator	Bacterial and yeast incubator shakers - 37 and 25 degrees	N	Y	Lupashin's lab
Physiology & Cell Biology	incubator	Bacterial and yeast incubators - 37 and 25 degrees	N	Y	Morello's lab
Physiology & Cell Biology	microscope	ThermoFisher EVOS microscope - FL Auto	Y	Y	Bellido's lab
Physiology & Cell Biology	microscope	Old Nikon microscope - bone histomorphometry	Y	Y	Morello's lab
Physiology & Cell Biology	microscope	Olympus microscope (Bellido's lab) - bone histomorphometry	Y	Y	Bellido's lab
Physiology & Cell Biology	plate reader	BMG Labtech CLARIOstar plate reader	Y	Y	Lupashin's lab
Physiology & Cell Biology	realtime PCR	Applied Biosystems - Step-One-Plus Real-time PCR	Y	Y	Bellido's lab
Physiology & Cell Biology	sonicator	Vibra-cell sonicator	Y	Y	Lupashin's lab
Physiology & Cell Biology	UV-VIS spect	ThermoFisher Nanodrop 2000c UV-VIS spectrophotometer	Y	Y	Morello's lab
Physiology & Cell Biology	water purifier	Milli-Q (ELIX tech.) - Integral-10	Y	Y	Suresh Kannan (Jeff Hausen)