

Lab	Equipment	Contact	Location
Allard	Electrophoresis-DNA Gel Electrophoresis Apparatus	Minnie	M111
	Electrophoresis-Western Blot Apparatus	Varun	M111
	Homogenizer- Tissue	Varun	M111 / Core4
	Homogenizer-BioPulverizer - Tissue homogenization Gun	Varun / Rich	M111 / Core4
	Myocyte Isolation Rig	Rich	Core 4
	Perfusion Rig- Mouse Heart Perfusion Rig	Rich	Core 4
	Perfusion Rig- Rat Heart (two hearts)	Rich	Core 4
	Water Bath - Recirculating -Deep 25C-60C	Varun	M111
	Water Bath- Recirculating - Shallow 25C-95C	Varun	M111
Bernatchez	Analyzer-Nitric Oxide	Pascal	core3
	Animal Studies-Myographs	Pascal	core3
	Doppler	Pascal	core3
	Microscope-stereomicroscope/videocamera	Pascal	core3
	Thermocycler-PCR	Pascal	core3
Core 1	Analyzer-hematology analyzer (Abbott)	Beth Whalen	292
	Analyzer-luminex	Beth Whalen	292
	automacs (Miltenyi)	Beth Whalen	292
	Biological Safety Cabinet	Beth Whalen	292
	centrifuge-benchtop w/biocontainment (Beckman)	Beth Whalen	292
	cytospin (Shandon)	Beth Whalen	292
	Flow cytometer-analyzer (Beckman Coulter)	Beth Whalen	292
	Laser Capture Microscope	Beth Whalen	201 / 213B
	Real-time PCR-7900HT (ABI)	Beth Whalen	292
	shaker orbital plate (DPC)	Beth Whaler	292
Core 2	Centrifuge-Table top IEC-microMB centrifuge	Fanny	224
	Freeze Fracture Machine, Balzers	Fanny	B51A
	Knife Maker-LKB (Type 7801B)	Fanny	B53B
	Microscope, Atomic Force-Bioscope Atomic Force Microscope with Nanoscope IIIa Controller	Fanny	B51A
	Microscope, Electron-Tecnai 12 TEM (operates at 20 kv-100 kv)	Fanny	B53
	Microscope-Motic W10 dissecting microscope	Fanny	B51A
	Microscope-Nikon Labo-phot light microscope	Fanny	B51B
	Microscope-Zeiss dissecting microscope	Fanny	224
	Microtome-Leica UC6 Ultramicrotome	Fanny	B51B

	Microwave processor-Pelco Blowave Microwave Processor	Fanny	224
	Oven-Blue M single wall transite oven for TEM polymerization	Fanny	224
Core 3	Imaging-Image Processing Stations (Mainly VOLOCITY Program)	Thomas A	B35
	Laser-Tunable Ultra-Short Pulse Infrared Laser (Mainly for Multi-Photon Excitation Microscopy)	Thomas A	B46
	Microscope-Confocal	Thomas A	B46
	Microscope-Harmonic Generation Microscope	Thomas A	B46
	Microscope-Leica Inverted Fluorescence Microscope with Confocal Scanner	Thomas A	B46
	Microscope-Leica Upright Fluorescence Microscope with Fast Confocal Scanner and CCD camera	Thomas A	B46
	Microscope-Multi-photon Microscope	Thomas A	B46
	Microscope-Wide Field Fluorescence Microscope	Thomas A	B42
Francis	Autospotter-TLC Plates (Mandel)	Ted/Leanne	M109
	Block heater 13x100mm tubes	Ted/Leanne	M109
	Centrifuge- Refrigerated Conical Tubes (Sanyo)	Ted/Leanne	M109
	Centrifuge- Refrigerated Microfuge (Eppendorf)	Ted/Leanne	M112/M109
	Electrophoresis- Agarose gel apparatus (Biorad)		
	Electrophoresis-Multiphor II Unit (Amersham)	Ted/Leanne	M112
	Electrophoresis- Western blotting apparatus (Biorad)		
	Electrophoresis-Whole Gel Eluter (Biorad)	Ted/Leanne	M112
	GC/MS-7890 Series (Agilent)	Ted/Leanne	M112
	HPLC-1200 Series (Agilent)	Ted/Leanne	ASL
	Lyophilizer (Labconco)	Ted/Leanne	M112
	Oven-Isotemp (Fisher)	Ted/Leanne	M112
	Plate Reader- Spectrophotometer/fluorimeter (TECAN)	Ted/Leanne	M112
	Real-Time PCR-RealPlex PCR System (Eppendorf)	Ted/Leanne	M112
	Robot-Liquid handling- EpMOTION 5075 (Eppendorf)	Ted/Leanne	M112
	Rocker-Rocker II (Boekel)	Ted/Leanne	M112
	Shaker-Orbital (VWR)	Ted/Leanne	M112
	Shaker-Orbital (VWR)	Ted/Leanne	M112
	Sonicator-waterbath sonicator (Fisher)	Ted/Leanne	M112
	Thermocycler-T-Gradient (Biometra)	Ted/Leanne	M112
	Waterbath- Isotemp 210 (Fisher)	Ted/Leanne	M112
	Waterbath-Isotemp 3016D Recirculating-Cooling waterbath (Fisher)	Ted/Leanne	M112
Granville	Centrifuge-Allegra 25R Centrifuge (Beckman Coulter)	Hongyan	B48
	Centrifuge-Optima Max -E ultracentrifuge (Beckman Coulter)	Hongyan	B48
	Electrophoresis-Semi-dry Electrophoretic transfer Cell (Bio-rad)	Hongyan	B48

	Imaging-Odyssey infrared imaging system(Li-COR Bioscience)	Hongyan	B48
	Spectrophotometer-DU series 500 (Beckman)	Hongyan	B48
	Thermal cycler-PxE Thermal Cycle	Hongyar	B48
Hill			
	Centrifuge - refrigerated microfuge (Eppendorf)	Eugene	ASL
	FPLC (Amersham Bioscience)	Eugene	ASL
	GeneAmp PCR System 2400 (Perkin Elmer)	Eugene	ASL
	MALDI TOF/TOF Analyzer (4800 series)	Eugene	ASL
	Plate Reader- Spectrophotometer/fluorimeter (TECAN)	Eugene	ASL
	Scintillation Counter -LS 6500 Multipurpose	Eugene	ASL
	Sonicator - (Branson Sonic Power Co)	Eugene	ASL
	UV Transilluminator - (UVP)	Eugene	ASL
Histology			
	Histology-Automatic coverslipper	Crystal/Nicole/Amrit	M224
	Histology-Automatic immunostainer	Mark Elliott	M224
	Histology-Cryostats	Crystal/Nicole/Amrit	M223
	Histology-Deparaffinize station	Crystal/Nicole/Amrit	M224
	Histology-Embedding station	Crystal/Nicole/Amrit	M223
	Histology-Microtomes	Crystal/Nicole/Amrit	M223
	Histology-Variou staining stations/kits	Crystal/Nicole/Amrit	M223
	Microscope-Double-headed	Crystal/Nicole/Amrit	M224
	Microscopes-Light	Crystal/Nicole/Amrit	M223/M224
	Phlebotomy chair/stator	Crystal/Amrit	M223
Hogg			
	Bioanalyzer-Agilent 2100	John G	
	centrifuge-refrigerated	John G	M102
	incubator-bacterial	John G	M102
	scale-analytical	John G	M102
Hot Lab			
	Radioactive Work- Fume hood	Ted/Rich	M109
	Radioactive Work- Gel Dryer (Hofer Scientific)	Katherine/Simone	M109
	Radioactive Work- Heating Blocks	Rich	M109
	Radioactive Work- Hybridization Oven (Tek-Star/Bio-Can Sci)	Ted/Rich	M109
	Radioactive Work- Hybridization Oven Hybaid Micro-4	Ted/Rich	M109
	Radioactive Work- Scintillation Counter LS-6500 (Beckman)	Ted/Rich	M109
	Radioactive Work- Stir Plates (x2)	Rich	M109
Knight			
	Bioanalyzer-Agilent 2100	Furquan	Core 3

	Microscope-Nikon Bright field scope with polarizing filters	Furquan	Core 3
	Plate Reader-Polar star (luminescence, fluorescence, absorbance, BRET, FRET)	Furquar	Core 3
Luo	Centrifuge - Refrigerated (Eppendorf)	John/Jerry/Max	208
	Centrifuge- Optimax Ultracentrifuge (Beckman)	John/Jerry/Max	208
	Electrophoresis Unit (Biorad)	John/Jerry/Max	208
	Hot Plate (Fisher)	John/Jerry/Max	208
	Shaker (VWR)	John/Jerry/Max	208
	Waterbath (Fisher)	John/Jerry/Max	208
Main Culture Room	Biosafety Cabinet- Class II Type A (No volatile chemicals)	Ted	M110
	Biosafety Cabinet- Class II Type A (No volatile chemicals)	Ted	M110
	Biosafety Cabinet- Class II Type A2 (No volatile chemicals)	Ted	M110
	Biosafety Cabinet- Class II Type A2 (No volatile chemicals)	Ted	M110
	Biosafety Cabinet- Class II Type B3 (Trace amounts of volatile chemicals)	Ted	M110
	Centrifuge-Conical tubes, no temperature adjustments (Beckman)	Ted	M110
	Dewar-Locator 4+	Ted/Leanne	M110
	Dewar-Locator Jr.	John Z/Arthur	M110
	Dewar-Locator Jr.	John Z/Arthur	M110
	Incubators- for tissue cultures (37oC, 5% CO2)- Radioactive Work allowed	Ted	M110
	Incubators- for tissue cultures (37oC, 5% CO2)-all individually assigned	Ted	M110
	Incubators- for tissue cultures (37oC, 5% CO2)-all individually assigned	Ted	M110
	Incubators- for tissue cultures (37oC, 5% CO2)-all individually assigned	Ted	M110
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	Incubators- for tissue cultures (37oC, 5% CO2)-all individually assigned	Ted	M110
	Microscope-Inverted Phase/Light	Ted	M110
	Microscope-Inverted Phase/Light	Ted	M110
	Waterbath- Isotemp 128 (10L)	Ted	M110
Main Virus Room	Biological Safety Cabinet-Class II Type A2 (no volatile chemicals) -VIRUS WORK	Ted	M120
	Biological Safety Cabinet-Class II Type B2 (Trace amounts of volatile chemicals) -VIRUS WORK	Ted	M120
	Centrifuge- Refrigerated Conical Tubes (Eppendorf 5810R) -VIRUS WORK	Ted	M120
	Centrifuge- Refrigerated Microfuge (Fisher Accuspin) -VIRUS WORK	Ted	M120
	Dewar- Locator 4 - VIRUS WORK	Ted	M120
	Incubators- for tissue cultures (37oC, 5% CO2)-VIRUS WORK	Ted	M120

	Incubators- for tissue cultures (37°C, 5% CO ₂)-VIRUS WORK	Ted	M120
	Microscope-Inverted Phase/Light	Ted	M120
McManus	autoclave, small	Zongshu	Rm 208
	centrifuge-refrigerated 1.5 ml x 48 up to 14,000 rpm	Zongshu	Rm 210
	centrifuge-refrigerated 50ml & 15 ml up to 4,000 rpm	Zongshu	Rm 209
	Electrophoresis-Multiphor II Unit	Zongshu	Rm 213
	Plate Reader- Spectrophotometer/fluorimeter (TECAN)	Zongshu	Rm 206
	shaker incubator 37 C	Zongshu	Rm 211
	shaker incubator adjustable quickly	Zongshu	Rm 212
	Spectrophotometer	Zongshu	Rm 207
CV Registry	Copy stand	Crystal/Lise	M221
	Microscope-Dissecting Scope	Crystal/Lise	M221
Sanford/Pare	Biosafety Cabinet- for DNA extractions	Loubna / Jian Ruan	Core1 - room 294
	Centrifuge- refrigerated microfuge	Jian Ruan	Core1 - room 292
	Real Time qPCR -ABI 7900 [FEE for Service]	Loubna	Core1 - room 292
	Robot-Liquid handling (Biomek FX)[FEE for Service]	Loubna	Core1 - room 294
	Spectrophotometer - Nanodrop	Loubna	Core1 - room 292
	Thermocyclers-96 and 384 wells	Loubna	Core1 - room 292
Seow	Oscilloscope	Dennis	B35
	Weighing Balance	Dennis	B35
Sin	Animal studies-Microsprayer (less-invasive non-surgical intratracheal instillation device)	Koichi	GEM
	Animal Studies-Mouse laryngoscope	Koichi	GEM
	Animal Studies-Mouse workstand for intratracheal intubation	Koichi	GEM
	Animal Studies-Myograph	Tammy	Core 3
	Animal Studies-Surgical forceps for mice	Koichi	GEM
	Centrifuge- Refrigerated Conical Tubes (Beckman Coulter)	Yuexin/David	M111
	Centrifuge- Refrigerated Microfuge (Eppendorf)	Yuexin/David	M107
	Incubator (Fisher)	Sin Lab	M111
	Plate Reader (Molecular Devices)	Sin Lab	M111
	Plate Washer (12 channel)	Sin Lab	M111
	SearchLight	Yuexin	M111
	Shaker-Orbital	Sin Lab	M107
	Shaker-Plate	Sin Lab	M111

Tech Dev Core	Cleanroom - HEPA filtered, 8'x6' softwalled	Keddie	TechDev
	Data Acquisition Card - Labview PCMCIA card for laptop	Keddie	TechDev
	Metal working m/c's: Lathe, Mill, Drill press, Bandsaw, grinders	Keddie	TechDev
	Microscope - epi-fluorescent, inverted, long WD objectives	Keddie	TechDev
	Mixer - centrifugal, low aeration	Keddie	TechDev
	Oscilloscope - 4 channel, 100MHz	Keddie	TechDev
	Spin coater - vacuum chuck, w/slide holder attachmen	Keddie	TechDev
Walley	Balances	Melissa/Simone	211
	Centrifuge-Eppendorf 5417C Tabletop Centrifuge with 24-1.5mL tube rotor	Melissa/Simone	213
	Centrifuge-Eppendorf 5810 Tabletop Centrifuge with 30-1.5mL tube rotor and plate rotor	Melissa/Simone	213
	Centrifuge-Sorvall Tabletop Centrifuge with refrigeration and bucket rotor, 24-1.5mL tube rotor, plate rotor	Melissa/Simone	213
	Electrophoresis-Agarose Gel Electrophoresis Equipment	Melissa/Simone	211
	Heating blocks-Heat/Stirrer Block	Melissa/Simone	211
	Heating Block-Wet	Melissa/Simone	213
	Microscope-Nikon Light Microscope with camera, 4X, 10X, 20X, 40X lens	Melissa/Simone	213
	pH meter	Melissa/Simone	211
	Plate reader-Rainbow 96well Plate Reader	Melissa/Simone	212
	Shaker-Orbit Shaker	Melissa/Simone	213
	Shaker-Titer Plate Shaker	Melissa/Simone	213
	Thermocycler-GeneAmp PCR System 9700	Melissa/Simone	211
	Thermocycler-Stratagene Robocycler Gradient 96 PCR	Melissa/Simone	211
	Water baths	Melissa/Simone	213
	Western Blot Supplies	Melissa/Simone	213
Yang	Biosafety Cabinets-2 fume hoods (Type A, Type B)	Xin Ye	M209
	Centrifuge- Refrigerated Microfuge (Fisher)	DC Yang Lab	M209