

Department of Biochemistry Molecular Pharmacology Equipment Listing

4-position sample turret (Quantum Northwest)	952	Matthews owns (Osman)
AKTA FPLC Basic system	843	Moore owns (Laureen)
Adil Molecular Combing Appartus	940D1	Rhind owns (Nick)
AKTA Basic system	970A	Matthews owns (Jill or Zhenyu)
AKTA Explorer purifier	970D1	Matthews owns (Jill or Zhenyu)
AKTA Explorer purifier	970K1	Schiffer owns (Ellen)
AKTA Explorer purifier	870P1	Zamore owns (Gwen)
AKTA FLPC	970X1	Ryder owns
AKTA FPLC	960E	Bolon (Dan)
AKTA FPLC	970Y	Munson owns
AKTA FPLC Basic system	955	Logan/Schiffer (Ellen)
Automatic titration set-up and software, Hamilton	970C	Matthews owns (Jill or Can)
Axon genepix 4000B microarray scanner	940C1	Rando owns (Ollie)
Axopatch 200B patch clamps	840C	Kobertz owns
Back-illuminated liq N2 cooled CCD camera (Princeton Inst)	952	Matthews owns (Osman)
Basic Plasma Cleaner	870V	Moore owns (Laureen)
Biacore T100	945	Schiffer, Mandon, Knight, Lambricht own
Centrifuge, Avanti J25	LER 8th by 852	Logan/Moore (Laureen)
Centrifuge, Avanti J25I	LER 9th by 953	Logan/Matthews (Jill)
Centrifuge, Beckman Airfuge with rotors	970V1	Carruthers owns (Anthony)
Centrifuge, Beckman Elutriating	940E1	Rhind owns (Nick)
Centrifuge, Beckman L8-55 ultra	LER 8th by 852	Logan/Zamore/Ross Labs
Centrifuge, Beckman L8-70M ultra	970U1	Logan/Carruthers (Anthony)
Centrifuge, Beckman L8-70M ultra	LER 9th by 97001	Gilmore owns (Elisabet)
Centrifuge, Beckman L8-80M ultra	LER 8th by 842	Kobertz owns (Bill)
Centrifuge, Beckman Optima TL tabletop ultra	970N	Gilmore owns (Elisabet)
Centrifuge, Beckman Optima TLX 120 tabletop ultra	870Y1	Miller owns
Centrifuge, Beckman Optima TLX 120 tabletop ultra	970S	Logan/Gilmore (Elizabet)
Centrifuge, Sorvall Evolution RC	LER 9th by 950	Logan/Schiffer (Ellen)
Centrifuge, Sorvall Legend tabletop refrigerated	970W1	Ryder owns
Centrifuge, Sorvall Legend tabletop refrigerated (w/microplate rotor)	870N	Logan/Xu
Centrifuge, Sorvall Legend tabletop refrigerated (w/microplate rotor)	970S	Logan/Knight (Otto)
Centrifuge, Sorvall RC-3B (older)	LER 9th by 944	Logan
Centrifuge, Sorvall RC-3C plus	LER 8th by 850	Logan
Centrifuge, Sorvall RC-3C plus	LER 9th by 944	Logan
Centrifuge, Sorvall RC-5B (older)	LER 8th by 87001	Logan/Zamore (Gwen)
Centrifuge, Sorvall RC-5B (older)	LER 9th by 97001	Gilmore owns (Elisabet)
Centrifuge, Sorvall RC-5C plus	LER 8th by 852	Logan
Centrifuge, Sorvall RC-5C plus	LER 9th by 950	Logan
Centrifuge, Sorvall RC-6 plus	LER 8th by 850	Logan
Circular dichroism spec. w/ titrator and thermo. control	970A	Matthews owns (Jill)
Covaris S2 Acoustical Cell Disruptor	870P1	Zamore owns (Gwen)
CryCam Digital Microscope - for crystals	970L	Schiffer owns (Ellen)
Electroporator Bio-Rad GenePulser Xcell w/ CE & PC modules	970S	Logan
Fermentor, Bioflo 2000 (10L)	970K1	Schiffer owns (Ellen)
Fermentor, Bioflo 2000 (10L) w/ oxygen sensor	944	Logan/Gilmore (Elizabet)
Flow Cytometer, FACScan three color	940D1	Rhind owns (Nick)
Fluorometer	945	Logan/Bolon (Natalie)
Fluorometer steady state w/ T-format polariz. & thermo.	970A	Matthews owns (Osman)
FPLC, Biologic DuoFlow	870Z	Miller owns

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FPLC, Biologic DuoFlow	960B1	<i>Massi owns (Kavita)</i>
FPLC, BioRad Biologic LP	846	<i>Zamore owns (Gwen)</i>
FPLC, Perceptive Biosystems BioCad/Sprint	870P1	<i>Zamore owns (Gwen)</i>
Freezer, Kelvinator -20 explosion proof	LER 8th by 850	Logan
Freezer, Labline -20 explosion proof	LER 9th by 950	Logan
Freezer, Revco -80 emergency back-up	LER 8th by 850	Logan
Freezer, Revco -80 emergency back-up	LER 9th by 950	Logan
French Pressure Cell Press - Sim Aminco w/ 20K French Press Cell	970K1	<i>Royer owns (Bill)</i>
Gamma counter, Beckman 5500	970S	<i>Gilmore owns (Dan)</i>
Gel Driers (2), Bio-Rad	970W1	<i>Ryder owns</i>
Gel Driers (4), Bio-Rad	87001	<i>Zamore owns (Gwen)</i>
Gel imager - Kodak	870K	<i>Xu owns</i>
Gel Imager - Kodak	870P	<i>Moore owns (Laureen)</i>
Gradient Fractionator	870R1	<i>Moore owns (Laureen)</i>
Harmonic generation system (Inrad)	952	<i>Matthews owns (Osman)</i>
Homecage mouse behavioral monitor system	LRB Animal facility	<i>Xu owns</i>
HPLC	870R1	<i>Moore owns (Laureen)</i>
HPLC w/ autosampler, Waters Breeze	970A	<i>Matthews owns (Jill)</i>
HPLC, Waters	970P	<i>Gilmore owns (Elisabet)</i>
HPLC, Waters Breeze w/ PDA and Fluorescence detectors	870X	<i>Miller owns</i>
Hybridization Oven	870K1	Logan/Ross (Marie-Clare)
Hybridization Oven	970R1	Logan/Knight (Otto)
Hybridization Oven (2)	870Q1	<i>Zamore owns (Gwen)</i>
Imaging system Fuji LAS3000	970S	Logan/Knight/Carruthers Labs
Imaging system, Fuji LAS3000	852	Logan/Zamore/Kobertz Labs
ISCO ProTeam liquid chromatography system	943	<i>Ryder owns</i>
KX100 Glow Discharge	870P	<i>Moore owns (Laureen)</i>
Luminometer Turner BioSystem 20/20 ⁿ	970S1	Logan
Luminometer, Mediators PhL	870U1	Logan
Luminometer, Vertis -Turner Biosystems	870N1	<i>Zamore owns (Gwen)</i>
Lyophilizer	840E	Logan/Kobertz
Lyophilizer	970C1	<i>Matthews owns (Jill)</i>
Mass spectrometer, LCQ ion trap w/ Agilent 1100 HPLC	840E	<i>Miller, Kobertz, Zamore own</i>
Mass spectrometer, Micromass MALDI	870X1	<i>Miller owns</i>
Micorscope, Stereomicroscopes, Olympus SZ61 (3)	970W,X	<i>Ryder owns</i>
Microarrayer Robot Mark III	940C1	<i>Rando owns (Ollie)</i>
Microchannel plate detector, R3809 (Hamamatsu)	952	<i>Matthews owns (Osman)</i>
Microfluidizer - Cell Disruptor	970Y	<i>Munson owns</i>
Microhybridization Oven, Bellco	870D	<i>Sagerstrom owns (Letitia)</i>
Microlab 500 series automatic online titrator & software (Hamilton Co.)	952	<i>Matthews owns (Osman)</i>
Microscope, Axioscope w/ AxioCam MRm - Zeiss	970R1	<i>Knight owns (Otto)</i>
Microscope, Dissecting Nikon SMZ800	970W1	<i>Ryder owns</i>
Microscope, Fluorescent API	870V1	<i>Moore owns (Laureen)</i>
Microscope, Leica dissection scope	LRB Animal facility	<i>Xu owns</i>
Microscope, Microtome - Leica	870E	<i>Sagerstrom owns (Letitia)</i>
Microscope, Nikon fluorescent inverted	870K1	<i>Xu owns</i>
Microscope, Nikon fluorescent upright	870K1	<i>Xu owns</i>
Microscope, Nikon Inverted TE100 Fluorescence	970W1	<i>Ryder owns</i>
Microscope, Nixon Axioscope w/CCD camera	940D1	<i>Rhind owns (Nick)</i>
Microscope, Stereomicroscope SZX10	870V1	<i>Moore owns (Laureen)</i>

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Microscope, Stereomicroscope, VWR Vistavision	970W	<i>Ryder owns</i>
Microscope, Zeiss Axiovert 200M	870X1	<i>Miller/Kobertz own</i>
Microscope, Zeiss Axiovert A1 Inverted DIC Injection	970W1	<i>Ryder owns</i>
Microscope, Zeiss Fluorescence	870G1	<i>Ross owns (Marie-Claire)</i>
Microscope, Zeiss Inverted Fluorescence	870G1	<i>Ross owns (Marie-Claire)</i>
Microscope, Zeiss Invertoskop inverted	942	<i>Ryder owns</i>
Microscope, Zeiss M2 V.20 Fluorescence Stereoscope	970W1	<i>Ryder owns</i>
Microwave synthesizer, CEM Discovery	870Y	<i>Miller owns</i>
Mira 900D femto/picosec Ti: Sapphire laser (Coherent)	952	<i>Matthews owns (Osman)</i>
Mixer Mill - Retsch	870Q	<i>Moore owns (Laureen)</i>
Monochromators (2), 0.22m, with computer control (CVI)	952	<i>Matthews owns (Osman)</i>
NanoDrop Spectrophotometer	940A1	<i>Rando owns (John)</i>
NanoDrop-1000 Spectrophotometer	870E	<i>Ross owns (Marie-Claire)</i>
Needle Puller, Narishige	855	<i>Sagerstrom owns (Letitia)</i>
NMR 400MHz	845	Logan/Akbar Ali
NMR 600MHz with cold probe	SA-119	Logan/Massi
Nucleofector	870S1	<i>Moore owns (Laureen)</i>
Optical tables (2), 4'x8' (TMC Corp)	952	<i>Matthews owns (Osman)</i>
PCR, AB GeneAmp 9700	970L	<i>Schiffer owns (Ellen)</i>
PCR, BioRad DNA Engine Peltier gradient capability	970U	<i>Carruthers owns (Anthony)</i>
PCR, Eppendorf MasterCycler Gradient	870D	<i>Sagerstrom owns (Letitia)</i>
PCR, Eppendorf MasterCycler Gradient	970S	Logan/Knight (Siobhan)
PCR, MJ Research	970W	<i>Ryder owns</i>
PCR, MJ Research (3)	870I	<i>Xu owns</i>
PCR, MJ Research (4)	870O	<i>Zamore owns (Gwen)</i>
PCR, MJ Research PTC-200	970K	Logan/Schiffer (Ellen)
PCR, Techgene	970Q	<i>Knight owns (Otto)</i>
PCR, Tetrad 2 PTC-240 DNA Engine	940A1	<i>Rando owns (John)</i>
Phoenix crystallization robot	953	<i>Schiffer owns (Ellen)</i>
Phosphoimager (& screens), Fuji FLA5000	852	Logan/Zamore
Phosphorimager (& screens), Bio-Rad Personal FX (old)	970S	Logan/Gilmore (Elizabeth)
Phosphorimager, Typhoon Trio	870P	<i>Moore owns (Laureen)</i>
Pico-injector, Harvard Apparatus	855	<i>Sagerstrom owns (Letitia)</i>
Plate dispenser, Bio-Tek Microfill 96/384	860D	<i>Miller owns (Hong)</i>
Plate dispenser, Multidrop 384 well	870X1	<i>Miller owns</i>
Plate reader, Bio-Rad Benchmark (various filters)	970S	Logan/Carruther/Knight Labs
Plate reader, BMG Novostar	870X1	<i>Miller own</i>
Plate reader, Victor V3 (w/fluorescence etc..)	970X	<i>Ryder owns</i>
Plate washer, Bio-Tek ELx 405 Select 96/384	870X1	<i>Miller owns</i>
Printer, HP Designjet 5000 (Poster Printer, local talk to PC) \$25 poster	970Z	Logan/Leone
Printer, Laserjet 4200N (networked for dept)	852	Logan/Leone
Printer, LaserJet 4250N (networked for dept)	970S	Logan/Leone
Pulse Field Gel Electrophoresis system, CHEF DRII	970EI	<i>Marinus owns (Martin)</i>
Pulse picker (Coherent)	952	<i>Matthews owns (Osman)</i>
Refractometer, Abbe	970C	<i>Matthews owns (Jill)</i>
Refrigerator, Kelvinator for rotors	LER 9th by 97001	Logan
Refrigerator, VWR for rotors	LER 8th by 852	Logan
Rotovap	840C	<i>Kobertz owns</i>
RT-PCR ABI 7300	870D	<i>Sagerstrom owns (Letitia)</i>
RT-PCR Fluorescence Opticon 2, MJ Research	852	<i>Zamore owns</i>

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RT-PCR MJ Research PTC-200 w/ Chromo4 Detector	970S	Logan/Knight (Siobhan)
RT-PCR MX4000	852	Moore owns (Laureen)
Scintillation counter, Beckman LS6500	970S	Logan/Carruthers (Anthony)
Scintillation counter, Beckmann LS6500	852	Logan/Zamore (Gwen)
Shaker - double stacked Infors	960D1	Bolon (Dan)
Shaker - triple stacked Infors	940EI	Rhind owns (Nick)
Shaker - triple stacked Infors	970Y1	Munson owns
Shaker, New Brunswick Floor	944	Matthews owns
Shaker, New Brunswick Floor	LER 8th by 845	Logan
Shaker, New Brunswick Floor	944	Gilmore owns (Elisabet)
Shaker, New Brunswick Floor 44R	LER 8th by 843	Moore owns (Laureen)
Shaker, triple stacked New Brunswick with cooling	LER 8th by 850	Logan
Shaker, triple stacked New Brunswick with cooling	LER 9th by 944	Logan
Shaking Incubator	970W	Ryder owns
Sonicator, Fisher Sonic 550 dismembrator	852	Logan (labs supply tips - BMP can lend)
Sonicator, Fisher Sonic 550 dismembrator - Cup Horn	852	Logan
Sonicator, Fisher Sonic Dismembrator 300	944	Gilmore owns (Elisabet)
Spectrophotometer, Beckmann DU 640B	870O1	Zamore owns (Gwen)
Spectrofluorimeter, SPEX Fluoromax-3	870Y	Miller owns
Speedvac system, Savant	970W1	Ryder owns
Speedvac systems, Savant	LER 9th by 950	Gimore and Knight own
Stopped Flow System, Hi Tech SF-61 DX2 Double Mixin	970P	Carruthers owns (Anthony)
Stopped-flow Circular Dichroism/fluorescence, Aviv	970A1	Matthews owns (Jill)
Stopped-flow Fluorometer, Applied Photophysics	970C1	Matthews owns (Jill)
Stopped-flow, SFM3 (Biologic)	952	Matthews owns (Osman)
Synthesizer, Argonaut Quest 210	870Y	Miller owns
Syringe pumps (2), 500 mL, high pressure (Isco 500D)	952	Matthews owns (Osman)
Time-correlated single-photon counting card (Becker-Hickl SPC630)	952	Matthews owns (Osman)
Transilluminator, Ultra-Lum (gel doc system)	970N	Logan/Gilmore (Elizabet)
Two Electrode Voltage Clamp, Warner Instruments	840C	Kobertz owns
Ultrasonic Processor, Cole Parmer	855	Sagerstrom owns (Letitia)
UV Crosslinker / Hybridization Oven	970W	Ryder owns
UV Stratalinker	870Q1	Zamore owns (Gwen)
UV Stratalinker 2400	870E	Sagerstrom owns (Letitia)
UV-vis Spectrophotometer, Beckman DU 640B	870O1	Zamore owns (Gwen)
UV-vis spectrometer, Jasco	970D	Matthews owns (Jill or Can)
UV-vis Spectrophotometer, Agilent	870R1	Moore owns (Laureen)
UV-vis Spectrophotometer, Beckman DU 640	852	Logan/Xu
UV-vis Spectrophotometer, Beckman DU 7400 (w/cooling)	970S	Logan/Knight (Otto)
UV-vis Spectrophotometer, Varian CARY 50	870Y	Miller owns
UV-vis Spectrophotometer, Varian CARY 50	970W	Ryder owns
Verdi 10W 532 nm CW laser (Coherent)	952	Matthews owns (Osman)
VP-DSC (Differential Scanning Calorimeter) - Microcal	945	Logan/Bolon (Dan)
VP-DSC (Differential Scanning Calorimeter) - Microcal	945	Schiffer owns (Ellen)
VP-ITC (Isothermal Titration Calorimetry) - Microcal	945	Logan/Schiffer (Ellen)
Water purifier, Barnstead Diamond water sys.	850	Logan
Water purifier, Barnstead Diamond water sys.	970C	Logan/Matthews (Jill)
Xe lamp with power supply, 450W (Oriel)	952	Matthews owns (Osman)