

Department of Biochemistry Molecular Phamacology Equipment Listing

4-position sample turret (Quantum Northwest)	952	Matthews owns (Osman)
Adil Molecular Combing Appartus	940D1	Rhind owns (Nick)
AKTA FLPC	970X1	Ryder owns
AKTA FLPC Basic system	970A	Matthews owns (Jill)
AKTA FLPC Explorer purifier	970D1	Matthews owns (Jill)
AKTA FLPC Explorer purifier	970K1	Schiffer owns (Ellen)
AKTA FPLC	960E	Bolon (Dan)
AKTA FPLC	970Y	Munson owns
AKTA FPLC Basic system	955	BMP/Schiffer (Ellen)
Automatic titration set-up and software, Hamilton	970A	Matthews owns (Jill)
Axopatch 200B patch clamps	840C	Kobertz owns
Back-illuminated liq N2 cooled CCD camera (Princeton Inst)	952	Matthews owns (Osman)
Biacore T100	945	Schiffer, Mandon
Calorimeter VP-DSC (Differential Scanning) - Microcal	945	BMP/Bolon (Dan)
Calorimeter VP-ITC (Isothermal Titration) - Microcal	945	BMP/Schiffer (Ellen)
Calorimeter VP-ITC (Isothermal Titration) - Microcal	945	Schiffer owns (Ellen)
Centrifuge, Avanti J25I	970J1	BMP/Schiffer (Ellen)
Centrifuge, Beckman Airfuge with rotors	970U1	Carruthers owns (Julie)
Centrifuge, Beckman Elutriating	940E1	Rhind owns (Nick)
Centrifuge, Beckman L8-70M ultra	LER 8th by 852	BMP/Ross Labs
Centrifuge, Beckman L8-80M ultra	LER 8th by 842	Kobertz owns (Bill)
Centrifuge, Beckman L-90K	LER 9th by 945	BMP
Centrifuge, Beckman Optima TL tabletop ultra	970N	Gilmore owns (Elisabet)
Centrifuge, Beckman Optima TLX 120 tabletop ultra	970S	BMP/Gilmore (Elizabeth)
Centrifuge, Beckman Optima TLX 120 tabletop ultra	870Y1	Miller owns
Centrifuge, RC-6+ Sorvall	LER 8th by 852	BMP
Centrifuge, RC-6+ Sorvall	LER 9th by 945	BMP
Centrifuge, RC-6+ Sorvall	LER 9th by 950	BMP
Centrifuge, Sorvall Evolution RC	LER 9th by 950	BMP/Schiffer (Ellen)
Centrifuge, Sorvall Legend tabletop refrig (w/microplate rotor)	870J1	BMP
Centrifuge, Sorvall Legend tabletop refrig (w/microplate rotor)	970S	BMP
Centrifuge, Sorvall Legend tabletop refrigerated	970W1	Ryder owns
Centrifuge, Sorvall RC-3C plus	LER 8th by 850	BMP
Centrifuge, Sorvall RC-3C plus	LER 9th by 944	BMP
Centrifuge, Sorvall RC-5C plus	LER 8th by 852	BMP
Centrifuge, Sorvall RC-6 plus	LER 8th by 850	BMP
Circular dichroism spec. w/ titrator and thermo. control	970A	Matthews owns (Jill)
CrysCam Digital Microscope - for crystals	970K1	Schiffer owns (Ellen)
Electroporator Bio-Rad GenePulser Xcell w/ CE & PC modules	970S	BMP
Fermentor, Bioflo 2000 (10L)	970K1	Schiffer owns (Ellen)
Fermentor, Bioflo 2000 (10L) w/ oxygen sensor (2)	944	BMP/Gilmore (Elizabeth)
Flow Cytometer, FACScan three color	940D1	Rhind owns (Nick)
Fluorometer	945	BMP/Bolon (Dan)
Fluorometer steady state w/ T-format polariz. & thermo.	970A	Matthews owns (Osman)
FPLC, Biologic DuoFlow	970R1	Kelch owns
FPLC, Biologic DuoFlow	960B1	Massi owns (Laura)
FPLC, Biologic DuoFlow	870Z	Miller owns
Freezer, -20C, back-up	LER 8th by 850	BMP
Freezer, Labline -20 explosion proof/back up	LER 9th by 950	BMP
Freezer, Revco -80 emergency back-up	LER 8th by 850	BMP
Freezer, Revco -80 emergency back-up	LER 9th by 950	BMP
French Pressure Cell Press - Sim Aminco w/ 20K French Press Cell	970K1	Royer owns (Bill)
Gel Driers (2), Bio-Rad	970W1	Ryder owns
Harmonic generation system (Inrad)	952	Matthews owns (Osman)
Homecage mouse behavioral monitor system	LRB Animal facility	Xu owns
HPLC w/ autosampler, Waters Breeze	970A	Matthews owns (Jill)
HPLC, Varian Prostar	870V1	Han owns
HPLC, Waters Breeze w/ PDA and Fluorescence detectors	870X	Miller owns
Hybridization Oven	970S	BMP
Hybridization Oven	870K1	BMP/Ross (Marie-Clare)
Imaging system Fuji LAS4000	970S	BMP/Gilmore/Carruthers Labs
Imaging system, Fuji LAS4000	852	BMP/
Incubator(s), 37C & 42C , with Rollers	944	BMP
ISCO ProTeam liquid chromatography system	943	Ryder owns
Luminometer Turner BioSystem 20/20n	970S	BMP
Lyophilizer	970D1	Matthews owns (Jill)
Lyophilizer/FreezeDryer, Labconco, FreeZone	852	BMP/Miller

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Malvern Light Scattering Instrument	870V1	<i>Han owns</i>
Mass spectrometer, LCQ	870V1	<i>Miller/Kobertz own</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>
Microscope, Stereomicroscopes, Olympus SZ61 (3)	970W,X	<i>Ryder owns</i>
Microarray scanner Axon genepix 4000B	940C1	<i>Rando owns (Ollie)</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</i>
Microlab 500 auto online titrator & software (Hamilton Co.)	952	<i>Matthews owns (Osman)</i>
Microscope, Axioscope w/ AxioCam MRm - Zeiss	970R1	<i>Carruthers</i>
Microscope, Dissecting Nikon SMZ800	970W1	<i>Ryder owns</i>
Microscope, Leica dissection scope	LRB Animal facility	<i>Xu owns</i>
Microscope, Microtome - Leica	870E	<i>Sagerstrom owns</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, VWR Vistavision	870C1	<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	840 E1	<i>Miller owns</i>
Mira 900D femto/picosec Ti:Sapphire laser (Coherent)	952	<i>Matthews owns (Osman)</i>
Monochromators (2), 0.22m, with computer control (CVI)	952	<i>Matthews owns (Osman)</i>
NanoDrop Spectrophotometer	940A1	<i>Rando owns (Ollie)</i>
NanoDrop Spectrophotometer, 2000C (cuvette)	970Z	BMP
NanoDrop-1000 Spectrophotometer	870E	<i>Ross owns (Marie-Claire)</i>
Needle Puller, Narishige	860E	<i>Sagerstrom owns</i>
NMR 400MHz	845	Leone/Akbar Ali
NMR 600MHz with cold probe	SA-119	Logan/Massi
Optical tables (2), 4'x8' (TMC Corp)	952	<i>Matthews owns (Osman)</i>
PCR RT, ABI 7300	870D window	<i>Sagerstrom owns</i>
PCR RT, MJ Research PTC-200 w/ Chromo4 Detector	970S	BMP/Carruthers
PCR RT, Opticon, MJ Research	870G	<i>Ross owns (Marie-Claire)</i>
PCR RT, QCFX96 /C1000 BioRad	852	BMP
PCR, AB GeneAmp 9700	970L	<i>Schiffer owns (Ellen)</i>
PCR, BioRad DNA Engine Peltier gradient capability	970T	<i>Carruthers owns (Anthony)</i>
PCR, Eppendorf MasterCycler Gradient	970S	BMP/Ryder
PCR, Eppendorf MasterCycler Gradient	870D window	<i>Sagerstrom owns</i>
PCR, MJ Research	970K	BMP/Schiffer (Ellen)
PCR, MJ Research	970W	<i>Ryder owns</i>
PCR, PTC-200, MJ Research (3)	870I	<i>Xu owns (Sili)</i>
PCR, Techgene	970T	<i>Carruthers</i>
PCR, Tetrad 2 PTC-240 DNA Engine	940A1	<i>Rando owns (Ollie)</i>
Phoenix crystallization robot	953	<i>Schiffer owns (Ellen)</i>
Phosphoimager (& screens), Typhoon FLA 9000	852	BMP/
Phosphorimager (& screens), Typhoon FLA 9000	970S	BMP/Gilmore (Shiteshu)
Pico-injector, Havard Apparatus (2)	855	<i>Sagerstrom owns</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	BMP/Carruther
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 pos	970Z	BMP/Leone
Printer, Laserjet P3015 (networked for dept)	852	BMP/Leone
Printer, LaserJet P3015 (networked for dept)	970S	BMP/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	970A	<i>Matthews owns (Jill)</i>
Refrigerator, Kelvinator for rotors	LER 9th by 950	BMP
Refrigerator, VWR for rotors	LER 8th by 852	BMP
Rotovap	840B	<i>Kobertz owns</i>

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Scintillation counter, Beckman LS6500,Exports Excel files	970S	BMP/Carruthers (Anthony)
Scintillation counter, Beckmann LS6500	852	BMP/
Shaker	8th by 857	BMP
Shaker - double stacked Infors	960D1	Bolon (Dan)
Shaker - triple stacked Infors	970Y1	Munson owns
Shaker - triple stacked Infors	940E1	Rhind owns (Nick)
Shaker, New Brunswick Floor	944	Gilmore owns (Elisabet)
Shaker, New Brunswick Floor	944	Matthews owns
Shaker, triple stacked New Brunswick with cooling	LER 8th by 850	BMP
Shaker, triple stacked New Brunswick with cooling	LER 9th by 944	BMP
Shaker, triple stacked Thermo with cooling	LER 9th by 944	BMP
Shaking Incubator	970W	Ryder owns
Sonicator, Fisher Sonic 550 dismembrator	852	BMP(labs supply tips - BMP can lend)
Sonicator, Fisher Sonic 550 dismembrator - Cup Horn	852	BMP
Spectrophotometer UV-vis, Agilent, w/ melting, Cary Series	970A	BMP/Matthews (Kevin)
Spectrofluorimeter, SPEX Fluoromax-3	870Y	Miller owns
Spectrophotometer UV-vis, Beckman DU 640	852	BMP/Xu
Spectrophotometer UV-vis, Varian CARY 50	870E	Miller owns
Spectrophotometer UV-vis, Varian CARY 50	970W	Ryder owns
Speedvac system, Savant	970W1	Ryder owns
Speedvac systems, Savant	LER 9th by 950	BMP
Stopped Flow System, Hi Tech SF-61 DX2 Double Mixin	970P	Carruthers owns (Anthony)
Stopped-flow Circular Dichroism/fluorescence, Aviv	970A	Matthews owns (Jill)
Stopped-flow Fluorometer, Applied Photophysics	970D1	Matthews owns (Jill)
Stopped-flow, SFM3 (Biologic)	952	Matthews owns (Osman)
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)
Two Electrode Voltage Clamp, Warner Instruments	840C	Kobertz owns
Ultrasonic Processor, Cole Parmer	860D window	Sagerstrom owns
UV Crosslinker	870U	Miller owns
UV Crosslinker / Hybridization Oven	970W	Ryder owns
UV Stratalinker 2400	870D window	Sagerstrom owns
Verdi 10W 532 nm CW laser (Coherent)	952	Matthews owns (Osman)
Water purifier, Barnstead Diamond water sys.	850	BMP
Water purifier, Barnstead Diamond water sys.	970C	BMP/Matthews (Jill)
Xe lamp with power supply, 450W (Oriel)	952	Matthews owns (Osman)
BMP = departmental piece of equipment - see Luca Leone in 970Z x68301		
or certain labs have offered to help and their names are listed.		
For Lab owned pieces, please see lab person or PI listed.		