

VTPB Shareable Equipment
and Resources

<u>PI</u>	<u>Shareable Equipment</u>	<u>Fee</u>	<u>Location</u>
1	Ball Napco Autoclave; w/dryer (very small bench top)	none	116E VMS
2	Jouan Centrifuge; floor model w/acc.	none	116E VMS
3	Beckman Optmas LE-00K Ultra Centrifuge	none	116E VMS
4	Altex Detector; refractive index (<i>Sub B</i>)	none	116DA VMS
5	Virsonic Disrupter; cell dismember (probe ultra sonicator)	none	116 VMS
6	(<i>Sub B</i>)	none	116 VMS
7	BTX Electroporation System; Square Wave	none	116 VMS
8	Branson Bath Sonicator (small)	none	116 VMS
9	SLT Lab Instruments Elisa System; w/reader and printer	none	116 VMS
10	(washer and stored)	none	116 VMS
11	AFP Imaging Film Processor; x-ray, mini medical/90	\$1/film	202 VMS
12	Virtis Freeze Dryer; freezemobile 25 EL	\$3/cont.	116DA VMS
13	Beckman HPLC; Binary gradient w/UV non-metallic system & remote	none	116 VMS
14	Fisher Scientific Incubator; 30.4 cu.ft., refrigerated, isotemp	none	116 VMS
15	Air-Flo Incubator; 32 cu.ft., 115 volt AC	none	116 VMS
16	Beckman Microcentrifuge; w/acc. (<i>Sub B</i>)	none	116 VMS
17	Leitz Microscope; inverted binocular	none	116E VMS
18	PerSeptive Biosystems Peptide Synthesizer; three column peptide synthesizer w/controller	none	storage
19	CLP PCR gradient	none	
20	Beckman Scintillation Counter	none	104 VMS
21	Physiologic Inst. Inc. Ussing chamber; dual biopsy ussing chamber system	none	116F VMS
22	New Brunswick Water Bath Shaker (<i>Sub B</i>)	none	116 VMS
23	Vacuum gell dryer	none	Sub B
24	Linear chart recorder	none	Sub B
25	Amicon CH2 concentration and reserivior	none	Sub B
	EC power supply and destrainer	none	Sub B
	BioRad conductivity meter	none	Sub B

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26		Fraction collector	none	Sub B
27				
28	Binas	Beckman Centrifuge; refrigerated	none	123 VMR
29		Pharmacia Plastsystem	none	123 VMR
30		Scientific Products Oven; vacuum	none	123 VMR
31		The Mickle Laboratory Eng. Co. Tissue Chopper' Mcilwain	none	
32		Polytron Generator	none	123 VMR
33		BVA Scientific Homogenizer	none	123 VMR
34		Beckman Rotor; JA-14 w/lid S/N 2158	none	123 VMR
35		Beckman Rotor; JA-20	none	123 VMR
36				
37	Bratton	4 place balance	none	253 VMS
38		5 place balance	none	253 VMS
39		top loading 3 place balance	none	253 VMS
40		microwave digestion oven	none	253 VMS
41		pH meter	none	253 VMS
42		regular ovens	none	253 VMS
43		DMA mecury analyzer	none	253 VMS
44		muffle furnances for tissue ashing	none	253 VMS
45				
46	Clubb	Canon Digital Rebel XT Camera	none	Bldg. 1040
47		Olympus Microscope with tilting observation tube and side camera pick off tube	none	Bldg. 1040
48				
49	Collisson	Elisa Reader; microtiiter plate	none	223 VMR
50				
51	Derr	Applied Biosystmes Genetic Analyser 3130	fee	226 VMR
52		Precision 620 pentium III with Genemapper V3.7 and Genotyper V2.0 and Primer Express V2.0 software	none	226B VMR
53		BioRad Specrophotometer, SmartSpec3000 with cuvette	none	226D VMR
54		Savant Speed Vac Concentrator	none	226D VMR
55		2x Perkin Elmer PCR System Geneamp 9700	none	226D VMR
56		Incubator w/water Jacket	none	225B VMR
57				
58	El-Attrache	Beckman Centrifuge; ultra w/rotor	none	Bldg. 990

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59				
60	Greer	Sequencing Unit	none	222 VMA
61		Shaker water bath; w/dolly and cover	none	222 VMA
62		Microcentrifuges	none	222 VMA
63		pH meter	none	222 VMA
64				
65	Hong	Jouan Centrifuge; table top, refrigerated	none	215 VMR
66		Spectronic Unicam Spectrophotometer; Genesys 10 series w/printer	none	215 VMR
67				
68	Johnson	Tissue Tek Cryostat	none	214 VMA
69		Leitz Microtome; rotary	none	214 VMA
70		BR Instruments Recycling System; solvent	none	214 VMA
71		Leitz Microtome; w/acc	none	214 VMA
72		Carl Zeiss Microtome	none	214 VMA
73		Leitz Microtome; rotary	none	214 VMA
74				
75	Libal	Sony Digital Camera	none	2012 SAH
76		Ziess Microscope; w/acc.	none	2012A SAH
77		Revco Freezer; -85° Ultima II, Upright, 17.2 cu. Ft. w/ racks	none	2014B SAH
78		VMR Incubator; 40 cu. ft. reach in	none	2014B SAH
79		Sheldon Manufacturing Anaerobic Chamber; Bactron I	none	2014B SAH
80		Nuaire Biological Safety Cabinet; class II A/B3. 6 ft. benchtop w/36" stand & UV light	none	2015D SAH
81		Olympus Microscope; phase contrast, dual observation w/tilting	none	2015D SAH
82				
83	Lupiani	SLT Lab Instruments Elisa System; w/reader and printer	none	222 VMR
84		Beckman Coulter Centrifuge; refrigerated low speed benchtop w/swinging bucket	none	222 VMR
85		New Brunswick Scientific Shaker	none	222 VMR
86		Upright Freezer; 20°C	none	222 VMR
87		Nitrogen gas tank	none	222 VMR
88		Incubator	none	222 VMR
89		Refrigerator/Freezer	none	222 VMR

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90		Refrigerated Centrifuge	none	222 VMR
91		Bio-Rad Thermal Cycler; MyCycler	none	222 VMR
92		Luminex Flow Cytometry System; Luminex 100 IS Multiplex Analyzer	none	222 VMR
93		Harris Freezer; -85 Ultralow upright 20.2 cu. Ft.	none	222 VMR
94				
95	Mwangi	Bio-Tek Microplate Washer; ELX405 Magna Magnetic Bead Auto Washer	none	321 VMA
96		Cell Technology Elispot Reader System AID Elispot SR w/color firewire digital camera	none	321 VMA
97				
98	Payne, R	AO Microscope; twinocular	none	223B VMA
99		Boeckler Ultramicrotome; RMC	none	223B VMA
100		Revco Freezer; -40°C	none	223B VMA
101		Nitrogen gas; compressed	none	223B VMA
102		JEIO Tech OV-01 Oven; vacuum	none	223B VMA
103		NAPCO 5831 Oven; vacuum	none	223B VMA
104				
105	Payne, S	Varian Spectrophotometer	none	223C VMA
106				
107	Russell	AVL Electrolyte Analyzer; w/ionized magnesium	\$50 w/supplies	2022B SAH
108		Bayer Healthcare Slide Maker Stainer; ADVIA S60 semi-automated	none	2020A
109		Thermo Spectronic Spectrophotometer	none	2022D
110				
111	Smith	Becton-Dickinson FACS Calibur Cytometer; 3-color w/sorting flow	\$50	2022D SAH
112				
113	Waghela	Jouan Microcentrifuge; variable speed microcentrifuge w/rotor and lid	none	221G VMA
114		Jouan Centrifuge; refrigerated table top centrifuge w/horizontal rotor	none	222G VMA
115		Nuaire Incubator; time sequence incubator w/automatic CO2 tank switch	none	222J VMA
116		Nuaire Hood; horizontal laminar airflow cabinet	none	221K VMA

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117				
118		Beckman Centrifuge; refrigerated w/acc	none	221B VMA
119		Avanti Centrifuge; w/JA-25.50 fixed angle rotor, 70.1 TI	none	221B VMA
120		Dynex Tech Microplate Reader	none	221B VMA
121		Hoefer Scientific Electrophoresis Unit; slab, vertical	none	221B VMA
122		Beckman Rotor	none	221B VMA
123		Bio-Rad Prep Cell and Pump	none	221B VMA
124		Amerex Incubator shaker	none	221F VMA
125		Nuaire Biological Safety Cabinet; class II, type A/B3, 6 ft. w/stand	none	221G VMA
126		LKB Electrophoresis System; multiphor unit w/acc	none	221G VMA
127		Sonics Cell Disruptor; vibra-cell	none	221G VMA
128		Labline Shaker; orbital environmental	none	221G VMA
129		Lauda Circulator; refrigerated, super	none	221G VMA
130		Millipore Water System; Milli-Q	none	221K VMA
131		Nitrogen System	none	222C VMA
132		Baker Biological Safety Cabinet; Sterilgard	none	222G VMA
133		Eppendorf/Brinkmann Centrifuge; micro w/rotor	none	222G VMA
134		Baker Biological Safety Cabinet; Sterilgard	none	222J VMA
135		Sterilmatic/Market Forge Sterilizer; steam pressure	none	306 VMA
136		Puffer Hubbard Freezer; chest, 20 cu. Ft., ultra low w/alarm	none	2nd fl. Hall VMA
137		Sonicator; research kit	none	221B VMA
138		Nuaire Incubator; CO2, constant flow	none	222J VMA
139				
	Weeks	Diagnosics Instruments Camera; Spot Insight QE Color Digital (attached to Olympus Microscope with lab, dual viewing)	none	54XA VMD (VTH)
140				
141				
142	Welsh	Ribonuclease Protection Assay	none	234 VMR
143		Bioplex (for measuring cytokines)	none	234 VMR
144		Vessel; cryo storage, 50L	none	234 VMR
145		Cambridge Tech. Cell Harvester	none	234 VMR
146		Olympus Microscope; inverted	none	234 VMR
147				

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148	Zhu, G	Eppendorf Concentrator; Vacufuge	none	234C VMR
149		Hitachi Digital Imaging System' w/8 bit CCD camera enclosed	none	235 VMR
150		Lab-Line Oven; Hybridization, single	none	235 VMR
151		Microson Homogenizer; Microson Ultrasonic Cell Disrupter	none	235 VMR
152		Thermo Labsystems Spectrophotometer; Multiskan Spectrum	none	235 VMR
153		Bio-Rad Optical PCR System; iCycler IQ Optical Module	none	235 VMR
154	Zhu, G	Thermo Electron Fluorometer; Fluoroskan Ascent w/incubator and dispenser	none	235 VMR
155		Thermo Electron French Press; w/standard french press pressure cell & stand	none	235 VMR
156				
	Zimmer			
157		Eppendorf Thermal Cycler; w/temp. gradient (mastercycler)	none	216 VMS
158		Peltier Thermal Cycler; w/heated lid (holds 60 X 0.5ML tubes)	none	216 VMS

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Guidelines/Limitations

Contact

<u>Guidelines/Limitations</u>	<u>Contact</u>	
training with Dr. Parr	Dr. Ball- 845-7910	1
training with Stephan Storey		2
training with Dr. Parr; need to bring rotor		3
	<i>Sub Basement</i>	4
	<i>Sub Basement</i>	5
training with T. Gibbons; bring all supplies/curvettes		6
		7
training with D. Smith-Moore		8
training with Dr. Parr		9
training with Megan Schroeder		10
no training or columns provided; must know how to use it		11
for sfa cells, other insect cells, can use stir if plates not full		12
for yeast culture if there is room		13
	<i>Sub Basement</i>	14
		15
no training		16
training with Dr. Parr		17
no training available		18
no training available; must know how to use it		19
		20
(no vacuum pump attached) can be temp. moved to another lab	<i>Sub Basement</i>	21
can be temp. moved to another lab		22
can be temp. moved to another lab		23
can be temp. moved to another lab		24
can be temp. moved to another lab		25

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(good shape; has all parts) can be temp. moved to another lab		26
		27
none	Dr. Binas- 458-4057	28
none		29
vacuum does not work		30
none		31
none		32
none		33
none		34
none		35
		36
none	Dr. Bratton- 845-3365/ 845-2828	37
none		38
none		39
none		40
none		41
none		42
none		43
will need to be set up		44
		45
stays in bldg. 1040	Dr. Clubb- 229-9862	46
		47
stays in bldg. 1040		48
		49
none	Dr. Collisson- 845-1697	50
		51
part of the core lab with a fee to run samples	Claire Kolenda, Lab Manager- 862-3991	52
		53
		54
		55
		56
		57
none	Ping Cui, Lab Manager- 845-5184	58

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		59
none	Dr. Greer- 458-0128	60
none		61
none		62
none		63
		64
equipment only at room temp.	Dr. Hong- 862-2786	65
none		66
		67
must be trained	Rosemary Vollmar, Lab Manager- 845-5149	68
must be trained		69
must be trained		70
must get to work properly and supply own knives		71
must get to work properly and supply own knives		72
must get to work properly and supply own knives		73
		74
BL2 Lab- must follow all requirements	Dr. Libal- 845-9189	75
BL2 Lab- must follow all requirements	Liz Fernando, Lab Manager- 845-9188	76
BL2 Lab- must follow all requirements		77
BL2 Lab- must follow all requirements		78
BL2 Lab- must follow all requirements		79
BL2 Lab- must follow all requirements		80
BL2 Lab- must follow all requirements		81
		82
must be trained	Dr. Lupiani- 458-0591	83
		84
		85
usually full- please call ahead		86
		87
		88
usually full- please call ahead		89

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		90
		91
MUST BE TRAINED or Accompanied by lab personnel		92
		93
		94
none	Jocelyn Mayor, Lab Manager- 845-4437	95
may require training		96
		97
none	Dr. R. Payne- 862-8895	98
requires training, user supplied knives, supplies		99
not for long term storage		100
none		101
max temp. 100°C to min. VOC sublimation		102
max temp. 100°C to min. VOC sublimation		103
		104
supply own quartz cuvettes for UV work	Dr. S. Payne- 458-4495	105
		106
must bring own supplies and contact Charlotte for more information	Charlotte Allen, Lab Manager- 862-7653	107
must contact Charlotte for more information		108
must contact Charlotte for more information		109
		110
requires training	Dr. Smith- 845-5167	111
		112
none	Dr. Surya Waghela- 845-5176	113
none		114
none		115
can be transferred for a fee		116

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	117
none	118
none	119
none	120
none	121
with J25 Centrifuge (2)	122
none	123
none	124
none	125
none	126
none	127
none	128
none	129
shared if filters are occasionally replaced	130
shared if system can be worked out for refills	131
shared if repaired	132
none	133
none	134
none	135
shared if repaired	136
can be transferred - some parts missing	137
can be transferred for a fee	138
	139
Dr. Weeks- 845-0789	140
	141
Dr. Welsh- 862-4974	142
	143
	144
	145
	146
	147

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please call ahead for training/availability	Xiaomin "Min" Cai, Lab Manager- 862-4814	148
please call ahead for training/availability		149
please call ahead for training/availability		150
please call ahead for training/availability		151
please call ahead for training/availability		152
please call ahead for training/availability		153
please call ahead for training/availability		154
please call ahead for training/availability		155
		156
must provide all reagents and supplies	Dr. Zimmer- 845-8040	157
must provide all reagents and supplies		158