

Charbonneau Shared Equipment





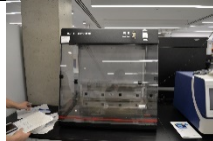

The Institute provides dishwashing and autoclave services, multiple common sources of Milli-Q water, ice machines, walk-in warm rooms (or equivalent shaker incubators), walk-in cold rooms and a walk-in minus 20C freezer. In addition the Institute provides two minus 80C freezers as back-ups and a range of specialty centrifuges. Other specialized equipment such as an AutoMACS Pro, Chemidoc and Nanostring are scattered throughout the Institute. Individual investigators are assigned to each piece of equipment and are responsible for permitting access and providing relevant training to other Charbonneau members. The management and maintenance of this equipment is overseen by the **Research Infrastructure and Facilities Specialist**

For a complete list of shared equipment and location please review the following list.


Contact Information:

Shilpa Salgia Charb.facilities@ucalgary.ca

403 210-6591

Equipment and Location	Responsible PI or Contact	Photo
Facility		
Dishwashing and Autoclaving Facilities Locations: HRIC And HMRB	Charb.facilities@ucalgary.ca	
Emergency minus 80 C Freezers (X2) Locations: HRIC 2A25B And HMRB West Hallway	Charb.facilities@ucalgary.ca	
Ice Machines (X2) (Maintained by CSM) Locations: HRIC Hallway And HMRB West Hallway	Charb.facilities@ucalgary.ca	
Milli-Q water (Multiple Common Sources) Locations: HRIC and HMRB	Charb.facilities@ucalgary.ca	
PCR UV Hood – 2 Location: HMRB 336	Charb.facilities@ucalgary.ca	
2 Shaking Incubator – 1 with a refrigerated option Location: HMRB 398	Charb.facilities@ucalgary.ca	

Equipment and Location	Responsible PI or Contact	Photo
<p>Warm Room (X1)-Bacterial Shakers and Clamps</p> <p>Location: HRIC Warm Room and HMRB 398</p>	<p>Charb.facilities@ucalgary.ca</p>	
Centrifuges		
<p>Avanti JE Centrifuge (X2) (floor model)</p> <p>Location: HRIC 2B41A And HMRB 398</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge Allegra X-15 Refrigerated Centrifuge (X2)</p> <p>Location: HRIC 2A27 And HMRB West Hallway</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge Allegra X15R</p> <p>Location: HMRB 336</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge Avanti J-26 XPI</p> <p>Location: HRIC 2A24A</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge – Ultra Centrifuge Optima L-90K (X3)</p> <p>Locations: 1 in HRIC 2B41A 2 in HMRB 398</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge – Table Top Ultracentrifuge – Optima Max XP</p> <p>Location: HMRB 398</p>	<p>Charb.facilities@ucalgary.ca</p>	
<p>Centrifuge - 5702R</p> <p>Location: HMRB 336</p>	<p>Charb.facilities@ucalgary.ca</p>	

Equipment and Location	Responsible PI or Contact	Photo
Rotors See model and location below	Charb.facilities@ucalgary.ca	

Ultracentrifuge Rotors

70.1 Ti	Fixed Angle	08U 4685	70000 rpm	HRIC 2B25A		
70.1 Ti	Fixed Angle	08U 4686	70000 rpm	HRIC 2B25A		
50.2 Ti	Fixed Angle	08U 3899	50000 rpm	HRIC 2B25A		
SW41	Swing Bucket	08E 2111	41000 rpm	HRIC 2B39C (cold room)	virus only	
SW41	Swing Bucket	08E 2016	41000 rpm	HRIC 2B39C (cold room)		
SW32 Ti	Swing Bucket	08U2039	32000 rpm	HRIC 2B25A		
70.1 Ti	Fixed Angle	08U 4687	70000 rpm	HMRB 396 (cold room)		
50.2 Ti	Fixed Angle	08U 3900	50000 rpm	HMRB 396 (cold room)		
SW41	Swing Bucket	08E 2018	41000 rpm	HMRB 396 (cold room)		
SW32 Ti	Swing Bucket	08U 2055	32000 rpm	HMRB 396 (cold room)		

Tabletop Ultracentrifuge









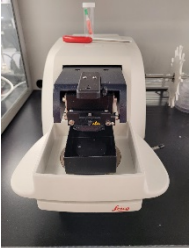
TLA-110	Fixed Angle	09U 1038	110k rpm	HMRB 398		
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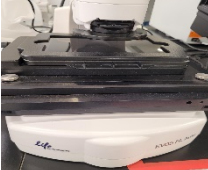


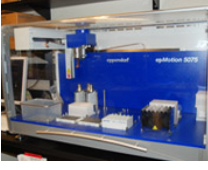
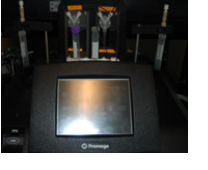





Floor Model Centrifuge Rotors (fit Avanti JE and J-26 XPI)






JS13.1 FiberLite	Swing Bucket	08U 3989	13000 rpm	HRIC 2B39C (cold room)		
F10BCI-6x500y FiberLite	Fixed Angle 6x500mL	6071636	10000 rpm	HRIC 2B25A		
JS-5.3	Swing Bucket for 96 well plates	08U 1633	5300 rpm	HRIC 2B25A		
JA17	Fixed Angle	08U 843	17000 rpm	HRIC 2B25A		
JA25.50	Fixed Angle	08U 4513	25000 rpm	HRIC 2A28C (cold room)		
J-Lite JLA 9.1000	Fixed Angle	08U 815	9000 rpm	HRIC 2B25A		
J-Lite JLA 16.250	Fixed Angle	09U 4088	16000 rpm	HMRB 396 (cold room)	moved	
JA10	Fixed Angle	9E680	10000 rpm	HMRB 398		
JA17	Fixed Angle	08U 842	17000 rpm	HMRB 396 (cold room)		
J-Lite JLA 10.500	Fixed Angle 6x500mL	18U2665	10000 rpm	HMRB 396 (cold room)	new	





Floor Model Centrifuge Rotors (fit Avanti J-26 XPI only)

J-Lite JLA 8.1000	Fixed Angle	08U 1927	8000 rpm	HRIC 2A24A		
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Equipment and Location	Responsible PI or Contact	Photo
Specialized Equipment		
Automated Cell Separator- AutoMACS Pro Location: HMRB 336C	Dr. Jennifer Chan jawchan@ucalgary.ca	
Agilent Bioanalyzer 2100 Location: HRIC 2B25	Dr. Donna Senger senger@ucalgary.ca	
Chemidoc Locations: HRIC 2B24 And HMRB 336	Dr. Aaron Goodarzi a.goodarzi@ucalgary.ca	
Chromium 10X Location: HMRB 336	Contact: Dr. Marco Gallo marco.gallo@ucalgary.ca	
Colony Counter-“Colcount” Location: HRIC 2A34	Dr. Susan Lees-Miller leesmill@ucalgary.ca	
Covaris CP02 cryopulveriser Location HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
Cryostat Location: HRIC 2B31A	Dr. Donna Senger senger@ucalgary.ca	
Cytospin Location: HMRB 336E	Dr. Jennifer Chan jawchan@ucalgary.ca	
Dissecting Hood and Vibratome Location HMRB 312 and 336	Dr. Jennifer Chan jawchan@ucalgary.ca	

Equipment and Location	Responsible PI or Contact	Photo
EVOS FL Location: HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
French Press Location: HMRB 398	Contact: Donna Wray dwray@ucalgary.ca	
Fuji Imager Location: HRIC 2B24	Dr. Aaron Goodarzi a.goodarzi@ucalgary.ca	
Liquid Handling Robot- EpMotion 5075 Location: HMRB 397	Dr. Jennifer Chan jawchan@ucalgary.ca	
Luminometer Location: HRIC 2B29	Dr. Jennifer Corcoran jennifer.corcoran@ucalgary.ca	
Nanodrop Location: HRIC 2A29 And HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
NanoString Location: HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
Plate Reader-Spectra Max M2/M2e Location: HRIC 2A29	Dr. Jennifer Chan jawchan@ucalgary.ca	
Plate Reader – Spectra Max iD3 Location: HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
PLC AKTA Location: HMRB 357	Dr. Ki-Young Lee kylee@ucalgary.ca	

Equipment and Location	Responsible PI or Contact	Photo
Ionic Purification System (Purigen)	Dr. Jennifer Chan jawchan@ucalgary.ca	
Quant Studio 6 Flex Real-Time RT-PCR Location: HRIC 2A24A	Dr. Jennifer Cobb jcobb@ucalgary.ca	
Qubit Fluorometer Location: HMRB 336	Dr. Jennifer Chan jawchan@ucalgary.ca	
Scintillation Counter (Currently not in operation) Location: HRIC 2A24B	Susan Lees-Miller leesmill@ucalgary.ca	
Tri-Gas Incubators Location: HRIC 2B26B And HMRB 336E	Dr. Aaron Goodarzi - HRIC a.goodarzi@ucalgary.ca Dr. Marco Gallo - HMRB Marco.gallo@ucalgary.ca	

Equipment and Location	Responsible PI or Contact	Photo
Additional Permits/Access Required		
Cyclone Plus Phosphor Scanner (Model C431200) Location: HRIC 2B28	Dr. Tara Beattie beattie@ucalgary.ca	
Dissecting Microscope- Olympus Model SZX2-ILLT & Horizontal Laminar Flow Cabinet Location: HMRB 312	Dr. Jennifer Chan jawchan@ucalgary.ca	
GammaCell 1000 Tissue Irradiator (137Cs source) Location: HSC B243	Dr. Susan Lees-Miller leesmill@ucalgary.ca	
Next Seq 500 Location: HMRB 336	Dr. Nizar Bahlis nbahlis@ucalgary.ca	
Xenogen IVIS-200 Location: HMRB 312	Dr. Donna Senger senger@ucalgary.ca	