

## External User Instrument Fee Structure



Bookable  
Instruments  
External Fee Structure

Instrument/ Application	Specifications and Capabilities	Hourly or Daily Fee	Monthly Maximum
Biosafety Cabinet (3x <b>Class II A2</b> & 1x Class II B2)	Available for bacteria and tissue culturing in secure BSL2 spaces	\$50/hr	\$500
Centrifuge	Benchtop (96-384 well PCR plates & 15mL&50mL conical tubes)  Floor (50mL x 8 & 1L x 4)	\$5/hr	\$500
Shaking Incubator	Up to 20L capacity, temperature range from ambient to 60°C, shaking speeds up to 400 rpm	\$5/hr (day) \$4/hr (night)	\$200
PCR (PCR, qPCR, ddPCR) 96 wells	Quantitative PCR (qPCR)	\$35/hr	\$500
	Digital Droplet PCR (ddPCR); Green and yellow channels	\$35/hr	\$500



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Lyophilizer	Adjustable temperature- controlled (preservation of cells, proteins, vaccines etc.).  No solvents	\$15/day	\$500
Fast Protein Liquid Chromatography (FPLC)	Biomolecule purification; fraction collection in 0.5-2.0mL tubes or 96 well microplate	\$15/hr (day) \$10/hr (night)	\$500
BioSpa8 Automated Microplate Incubator	Links to imager for workflow automation of up to 8 microplates.  Continuous temperature, CO <sub>2</sub> /O <sub>2</sub> , and humidity level control and monitoring. User notifications (text/email) can be arranged.	\$32/day	\$400
Cytation 10 Confocal Imager	Imaging: Confocal and widefield  Wavelength: 365nm (DAPI), 465nm (GFP), 554nm (TRITC), 623nm (CY5)  Shaking, temperature and gas control; automatic reagent injection options  Objective: 4x, 10x, 20x, 40x (phase), 60x, 40x(water), 60x(water)	\$20/hr	\$500



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Cytation 5 Plate Reader & Imager	<p><b>Bob Wright Center Cytation 5</b> Imager and plate reader. Best option for plate reading using a Cytation 5.</p> <p>Has 10 optical filter cubes for Fluorescence, FP, TRF and Luminescence.</p> <p>Imaging wavelengths: 365nm (DAPI), 465nm (GFP), 590nm (Texas Red).</p> <p>Objectives: 1.25x, 4x, 20x, 60x.</p> <p>Shaking, temperature and gas control (O<sub>2</sub> and CO<sub>2</sub>); automatic reagent injection options</p>	\$15/hr	\$500
	<p><b>Petch 025 Cytation 5</b> Imaging: Fluorescence, Phase Contrast, Brightfield, Colour Brightfield.</p> <p>Imaging wavelengths: same as BWC Cytation 5.</p> <p>Objectives: 4x, 4x phase, 10x phase, 20x phase, 40x phase, 60x.</p> <p>Shaking, temperature and gas control (CO<sub>2</sub>); cell counting kit without stain and nanodrop options.</p>	\$15/hr	\$500



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Spectramax M5 Microplate and Cuvette reader	Kinetic or endpoint reads for: UV/Vis (200-1000nm), Fluorescence (250-850nm), Luminescence (250-850nm), FP (300-750nm).  Plate shaker and temperature control	\$10/hr	\$500
cytoFLEX Flow Cytometer	MESF-FITC, PE & APC; tube and microplate sample analyses, resolution optimized for resolving lymphocytes, monocytes, granulocytes, and nanoparticles  Lasers: Blue (488nm), Red (638nm), Purple (405nm)	\$50/hr	\$500
cytoFLEX SRT Cell Sorter	MESF-FITC, PE & APC;  FSC and SSC resolution <1um, simultaneous bulk sorting of up to 4 defined populations. Technician time included in rate.  3 lasers with 9 filters. Blue(488nm), Red (638nm), Yellow (561nm).  Located in its own BSC to maintain sterility. Super-user rates negotiable.	\$200/hr	Negotiated depending on usage



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Bench Space	Includes basic small lab equipment and consumables. SDS-PAGE & Agarose gel kits and gel imager	Included in daily access fee	-
DxH520 Hematology Analyzer	CBC Analysis; bar code scanning for easy sample organization and data collection	\$30/hr	\$500
Bioreactor	Capacity for 4L and 8L media bags. Continuous gas, pH, temperature, and pressure control and monitoring. Temp. range: ambient temperature to 40°C. Pressure range: 40 – 110 litres/min	\$6/hr + \$85 flat fee	\$500
3D Tissue Printer	Multiple printheads for bioprinting of human tissues, UV light for crosslinking	\$15/hr	\$500
Fume hood	Water, gas and air valves; Can be used for work with cytotoxics	Included in daily access fee	-



Bookable  
Instruments  
Hut R Biospecimen  
Collection Lab

Instrument/ Application	Specifications and Capabilities	Hourly or Daily Fee	Monthly Maximum
Biospecimen Collection Lab	<p><b><i>BSL2 Lab space and General Workspace</i></b></p> <p>Delineation between BSL2 Lab space and general workspace (no containment level; suitable for participants/workers belongings or non-lab work).</p>	\$50/hour	\$500
	<p><b><i>Phlebotomy Chair</i></b></p> <p>Suitable for blood sample collection. Adjustable height, backrest, and footrest. 360° rotation and hinged armrests.</p>	Included in lab space rental	-
	<p><b><i>Pass Through Cabinet/ Single User Washroom</i></b></p> <p>Connects BSL2 lab space to single-stall washroom. Interlocking mechanism prevents both sides from being open at the same time.</p>	Included in lab space rental	-
	<p><b><i>Centrifuge</i></b></p> <p>Temp range: -9°C to 40 °C; maximum speed 4 400rpm</p> <p>4 x100mL buckets with adaptors for 4-10mL (16x100mm) and 2.6-7mL 13.5x100mm round-bottom tubes</p>	Included in lab space rental	-

## Consumables and Services (included with use of biospecimen collection lab)

- S, M, L Nitrile Gloves
- Paper towels
- Hand soap
- Disinfecting solution and 70% ethanol
- Some general office supplies (pens, permanent markers, tape, scissors)
- Biohazardous waste disposal
- Refrigerators for temporary sample storage
- Autoclaving of instruments or lab coats\*
- Access to locked drawers/cupboards inside the lab and/or general workspace space\*

\*upon request

## Equipment and Consumables Included with Usage

### Small Equipment

- Pipettes (and corresponding tips): P1, 2, 10, 20, 100, 200, 1000; Multichannel P10, 100, 200, 300, 1200; RNA only P2, 10, 20, 200, 1000; pipette aid, autopipettes
- Inverted tissue culture microscope
- CO<sub>2</sub> incubator for tissue culture
- Fridge, Freezer (-20°C and -80°C) and liquid N<sub>2</sub> dewar storage
- Other general lab equipment: Vortex mixers, balances, microfuges, hot plates, stir plates, heating block, microwaves, oven, belly dancer, Bunsen burners, cell density and pH meters, water baths
- Countess II Automated Cell Counter
- Materials available for: gel casting, Western Blot preparation, electrophoresis, gel staining, cryogenic prep
- de-ionized and reverse osmosis H<sub>2</sub>O
- Bookable benchtop autoclave (16L), further autoclaving services arranged as needed

### Consumables\*

- Nitrile Gloves (XS, S, M, L)
- Micropipette tips (Sterile)
- General Use 70% Ethanol (NOTE: users must provide their own 70% Ethanol for tissue culture)
- Parafilm, Kimwipes, Label Tape
- Falcon Tubes (Sterile): 15mL, 50mL
- Serological Pipets (Sterile): 5mL, 10mL, and 25mL plugged
- T25 Tissue culture flasks
- Eppendorf tubes (Sterile): 0.6 mL, 1.5 mL
- Cryogenic tubes (Sterile): 2 mL
- Clear 96-well microplates and PCR plates

\*note: if a project is going to require extreme amounts of any of these materials, please discuss with the Facility Manager ([healthcore@uvic.ca](mailto:healthcore@uvic.ca))