

Resource Summary Report

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University of British Columbia Vancouver Bioimaging Core Facility

RRID:SCR_021304

Type: Tool

Proper Citation

University of British Columbia Vancouver Bioimaging Core Facility (RRID:SCR_021304)

Resource Information

URL: <http://www.bioimaging.ubc.ca>

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Description: Provides optical and electron microscope infrastructure for live cell imaging, multi photon imaging, advanced sample preparation including cryo-preparation for electron microscopy, routine SEM and TEM, Cryo-TEM, TEM tomography, and Correlative Light and Electron Microscopy (CLEM). Equipped with 4 electron microscopes (1 SEM and 3 TEMs), 2 advanced fluorescence microscopes (confocal/multi-photon and spinning disk), cryo-fixation (High pressure freezer, Vitrobot) and EM processing equipment (Microwave, critical point dryer, coaters).Provides microscopy access, training and service.

Abbreviations: BIF

Synonyms: University of British Columbia Bioimaging Facility, Bioimaging Facility, UBC Bioimaging Facility

Resource Type: service resource, access service resource, core facility

Keywords: USEDit, ABRF, optical microscope, electron microscope, live cell imaging, multi photon imaging, sample preparation, cryo-preparation, SEM, TEM, Cryo-TEM, TEM tomography

Availability: open

Resource Name: University of British Columbia Vancouver Bioimaging Core Facility

Resource ID: SCR_021304

Alternate IDs: ABRF_1190

Alternate URLs: <https://coremarketplace.org/?FacilityID=1190>

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260804T043719+0000

Ratings and Alerts

No rating or validation information has been found for University of British Columbia Vancouver Bioimaging Core Facility.

No alerts have been found for University of British Columbia Vancouver Bioimaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 50 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#).

Tan Z, et al. (2026) A Human-Based Skin-Lymphoreticular Model-on-Chip to Emulate Inflammatory Skin Conditions. Advanced healthcare materials, e03170.

Birch R, et al. (2025) Denosumab treatment of giant cell tumors in the spine induces woven bone formation. JBMR plus, 9(6), ziaf063.

Esquivel-Alfaro M, et al. (2025) Processing of Pineapple Leaf Fibers for the Production of Oxidized Micro-/Nanofibrillated Cellulose. Polymers, 17(19).

Andrew LJ, et al. (2025) High-Resolution AFM Visualization of Nanocellulose Surface Grafting with Small Molecules. Small (Weinheim an der Bergstrasse, Germany), 21(36), e01435.

Gouin Y, et al. (2025) The genome of Gallaecimonas pentaromativorans strain 10A, isolated from a Pacific oyster, sheds light on an environmentally widespread genus with remarkable metabolic potential. PloS one, 20(10), e0334406.

Skinner MF, et al. (2025) Potential of Japanese Macaques for Understanding Etiology and Seasonality of Repetitive Linear Enamel Hypoplasia in Nonhuman Primates. American journal of primatology, 87(1), e23713.

Zhao Z, et al. (2025) YibN, a bona fide interactor of the bacterial YidC insertase with effects on membrane protein insertion and membrane lipid production. The Journal of biological chemistry, 301(4), 108395.

White RB, et al. (2025) The X-Linked Intellectual Disability Gene, ZDHHC9 , Is Important for Oligodendrocyte Subtype Determination and Myelination. *Glia*, 73(7), 1452.

Sack AS, et al. (2025) Maturational Stage-Dependent Contributions of the Cav3.2 T-Type Calcium Channel to Dentate Gyrus Granule Cell Excitability. *eNeuro*, 12(4).

Li Z, et al. (2025) Bioinspired and Biodegradable Hydrothermally Treated Cellulose Nanocrystal Aerogels for High Efficiency Solar Steam Generation and Sustainable Water Purification. *Small (Weinheim an der Bergstrasse, Germany)*, 21(50), e08897.

Zhao G, et al. (2025) Cyclodextrin Counteracts Coxsackievirus-Induced Cardiac Damage by Protecting Desmosome Integrity and Suppressing Proinflammatory Cytokine Expression. *Microorganisms*, 13(10).

Bedford E, et al. (2025) Carbon starvation induces coincident capsule and cell wall remodeling in *Cryptococcus neoformans*. *mBio*, e0370125.

Li Z, et al. (2024) Durable Hydrophobic Iridescent Films with Tunable Colors from Self-Assembled Cellulose Nanocrystals. *Small (Weinheim an der Bergstrasse, Germany)*, e2409701.

Xue JY, et al. (2024) COBRA-LIKE4 modulates cellulose synthase velocity and facilitates cellulose deposition in the secondary cell wall. *Plant physiology*, 196(4), 2531.

Asghari P, et al. (2024) Phosphorylation of RyR2 simultaneously expands the dyad and rearranges the tetramers. *The Journal of general physiology*, 156(4).

Fleetwood SK, et al. (2024) Preparation of isolated guard cells, containing cell walls, from *Vicia faba*. *PloS one*, 19(3), e0299810.

Cho A, et al. (2024) Genomic analyses of *Symbiomonas scintillans* show no evidence for endosymbiotic bacteria but does reveal the presence of giant viruses. *PLoS genetics*, 20(4), e1011218.

Darvish S, et al. (2024) Antibacterial Properties of an Experimental Dental Resin Loaded with Gold Nanoshells for Photothermal Therapy Applications. *Journal of functional biomaterials*, 15(4).

Su X, et al. (2024) Control of the Colloidal and Adsorption Behaviors of Chitin Nanocrystals and an Oppositely Charged Surfactant at Solid, Liquid, and Gas Interfaces. *Langmuir : the ACS journal of surfaces and colloids*, 40(9), 4881.

Strong C, et al. (2024) Genetic engineering of transfusable platelets with mRNA-lipid nanoparticles is compatible with blood banking practices. *Blood*, 144(21), 2223.