Resource Summary Report

Generated by PRECISE-TBI on Sep 17, 2026

University of British Columbia LSI Imaging Core Facility

RRID:SCR_023783
Type: Tool

Proper Citation

University of British Columbia LSI Imaging Core Facility (RRID:SCR_023783)

Resource Information

URL: https://imaging.lsi.ubc.ca/

Proper Citation: University of British Columbia LSI Imaging Core Facility (RRID:SCR_023783)

Description: Imaging facility of Life Sciences Institute with state-of-the-art fluorescence microscopy equipment. Applications include FLIM, FRET, FRAP, TIRF and high throughput content screening (small molecule and siRNA). Provides access, user training, and technical assistance for super resolution microscopy, confocal microscopy (point laser scanning or spinning disk), high throughput imaging and image deconvolution, 3D reconstruction, and quantitative analysis.

Synonyms: , LSI Imaging Core, LSI Imaging Facility, LSI Imaging Advanced Bioimaging Core, Life Sciences Institute Imaging Core, UBC LSI Imaging Core Facility

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

Keywords: ABRF, USEDit, imaging, fluorescence microscopy, super resolution microscopy, confocal microscopy, high throughput imaging, image deconvolution, 3D reconstruction, quantitative analysis, .

Funding: UBC GREx Biological Resilience Initiative ;
UBC Life Sciences Institute LSI Core

Availability: Open

Resource Name: University of British Columbia LSI Imaging Core Facility

Resource ID: SCR_023783

Record Creation Time: 20230713T050225+0000

Record Last Update: 20260912T200427+0000

Ratings and Alerts

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

No alerts have been found for University of British Columbia LSI Imaging Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Yuan Z, et al. (2026) A direct role for a mitochondrial targeting sequence in signalling stress. Nature, 649(8099), 1302.

Fairlie GMJ, et al. (2025) Biochemical and structural characterization of Rab3GAP reveals insights into Rab18 nucleotide exchange activity. Nature communications, 16(1), 479.

Qiu X, et al. (2025) Supramolecular host-guest modulated thermally activated delayed fluorescence for photodynamic therapy. Chemical science.

Bhangu KS, et al. (2025) Impact of somatic XIST deletions on ongoing XIST expression and inactive X silencing and heterochromatin. Human molecular genetics, 34(24), 2027.

Samudre A, et al. (2025) nERdy: network analysis of endoplasmic reticulum dynamics. Communications biology, 8(1), 1529.

Brown JAR, et al. (2025) Human MeCP2 binds to promoters and inhibits transcription in an unmethylated yeast genome. Genetics, 231(1).

Qiu X, et al. (2025) Glassy organic dots exhibiting near-infrared TADF with quantum yields >40% for cellular imaging. Journal of materials chemistry. B.

Cardoen B, et al. (2024) Membrane contact site detection (MCS-DETECT) reveals dual control of rough mitochondria-ER contacts. The Journal of cell biology, 223(1).

Zhao J, et al. (2024) PDX1+ cell budding morphogenesis in a stem cell-derived islet spheroid system. Nature communications, 15(1), 5894.

Woodward SE, et al. (2024) Both pathogen and host dynamically adapt pH responses along the intestinal tract during enteric bacterial infection. PLoS biology, 22(8), e3002761.

Luppi BT, et al. (2024) Polymer Dots with Delayed Fluorescence and Tunable Cellular Uptake for Photodynamic Therapy and Time-Gated Imaging. Angewandte Chemie (International ed. in English), e202400712.