Resource Summary Report

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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/

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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: core facility, service resource, access service resource

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

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

Availability: Open

Resource Name: University of British Columbia LSI Imaging Core Facility

Resource ID: SCR_023783

Record Creation Time: 20230713T050225+0000

Record Last Update: 20250508T070134+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 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

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

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.