

# Resource Summary Report

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## University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility

RRID:SCR\_019200

Type: Tool

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### Proper Citation

University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility  
(RRID:SCR\_019200)

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### Resource Information

**URL:** <https://www.ualberta.ca/medicine/research/corefacilities/core-personnel/core-research-personnel---cell-imagine-centre.html>

**Proper Citation:** University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility (RRID:SCR\_019200)

**Description:** Cell Imaging Centre provides services and training for imaging and analysis of live or fixed cells and tissues. Image acquisition equipment and expert consultation for experimental design related to light and electron microscopy are offered, with full technical assistance, from sample processing through image analysis.

**Abbreviations:** FoMD

**Synonyms:** Faculty of Medicine and Dentistry Cell Imaging Centre

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

**Keywords:** USEDit, imaging, analysis, live cells, fixed cells, live tissues, fixed tissues, ABRF, ABRF

**Funding:** Faculty of Medicine and Dentistry ;  
Canada Foundation for Innovation

**Resource Name:** University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility

**Resource ID:** SCR\_019200

**Alternate IDs:** ABRF\_1081

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1081>

**Old URLs:** <https://www.ualberta.ca/medicine/research/corefacilities/cell-imaging-centre/index.html>

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20260801T191230+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility.

No alerts have been found for University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Prostebby M, et al. (2025) Activation of the periaqueductal gray controls respiratory output through a distributed brain network. *Frontiers in physiology*, 16, 1516771.

Selvaraj R, et al. (2025) CES1 Increases Hepatic Triacylglycerol Synthesis Through Activation of PPAR $\gamma$ , LXR and SREBP1c. *Cells*, 14(19).

Wong J, et al. (2025) The assembly of a hybrid type IV secretion system by a Crohn's disease-associated *Escherichia coli* strain. *Nature communications*, 16(1), 8797.

Rubio-Atonal LF, et al. (2025) Glutamate decreases oxidative stress and lipid droplet formation in astrocytes. *Journal of cell science*, 138(19).

Lu J, et al. (2025) Rhomboid protease GlpG regulates type 1 pili quality control and virulence in pathogenic *E. coli*. *Nature communications*.

Franczak A, et al. (2025) Angiostatin-a novel SARS-CoV-2 inhibitor and biomarker underlying COVID-19 pathophysiology. *Journal of thrombosis and haemostasis : JTH*, 23(7), 2151.

Motamedrad M, et al. (2025) Type II fibre atrophy and nuclear disruption in decompensated cirrhosis. *JHEP reports : innovation in hepatology*, 7(9), 101455.

Chen J, et al. (2025) The ER thioredoxin-related transmembrane protein TMX2 controls redox-mediated tethering of ER-mitochondria contacts. *Cell reports*, 44(11), 116486.

Ralhan I, et al. (2025) Protective ApoE variants support neuronal function by effluxing oxidized phospholipids. *Neuron*.

Cardani S, et al. (2024) Knockdown of PHOX2B in the retrotrapezoid nucleus reduces the central CO<sub>2</sub> chemoreflex in rats. *eLife*, 13.

Kanike C, et al. (2024) Plasmonic Nanostructures Grown from Reacting Droplet-In-Microwell Array on Flexible Films for Quantitative Surface-Enhanced Raman Spectroscopy in Plant Wearable In Situ Detection. *Advanced materials (Deerfield Beach, Fla.)*, 36(36), e2405576.

Yan X, et al. (2024) Streamlined Flow Synthesis of Plasmonic Nanoparticles and SERS Detection of Uremic Toxins with Trace-Level Liquid Volumes in a Microchamber. *ACS applied materials & interfaces*, 16(46), 63268.

Wang B, et al. (2024) Hepatic Surf4 Deficiency Impairs Serum Amyloid A1 Secretion and Attenuates Liver Fibrosis in Mice. *Research (Washington, D.C.)*, 7, 0435.

Goodman LD, et al. (2024) Tau is required for glial lipid droplet formation and resistance to neuronal oxidative stress. *Nature neuroscience*, 27(10), 1918.

Ralhan I, et al. (2023) Autolysosomal exocytosis of lipids protect neurons from ferroptosis. *The Journal of cell biology*, 222(6).

Greenwood BL, et al. (2023) *Saccharomyces cerevisiae*  $\Delta 9$ -desaturase Ole1 forms a supercomplex with Slc1 and Dga1. *The Journal of biological chemistry*, 299(7), 104882.

Jones LO, et al. (2023) Single-cell resolution of the adult zebrafish intestine under conventional conditions and in response to an acute *Vibrio cholerae* infection. *Cell reports*, 42(11), 113407.

Friedman TN, et al. (2023) Sex differences in peripheral immune cell activation: Implications for pain and pain resolution. *Brain, behavior, and immunity*, 114, 80.