

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

Proper Citation

University of Alberta Faculty of Medicine and Dentistry Cell Imaging Centre Core Facility
(RRID:SCR_019200)

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: access service resource, core facility, service resource

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

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

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

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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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Kazbekov MJ, et al. (2026) Influenza A Virus NS1 Inhibits RIPLET Activation of Duck RIG-I Signaling. *Viruses*, 18(2).

Essuman G, et al. (2026) SLC4A1 mutations that cause distal renal tubular acidosis alter cytoplasmic pH and cellular autophagy. *eLife*, 14.

Havrylov S, et al. (2026) Mechanistic insights into transcriptional regulation of ARHGAP36 expression identify a factor predictive of neuroblastoma survival. *eLife*, 14.

Willms RJ, et al. (2026) Rank-dependent control of tuft and BEST4 cell development in the intestine. *Nature communications*, 17(1).

Shaha SZ, et al. (2026) aPKC- γ III promotes trophoblast fusion by altering Par-3 interactions with Hippo signaling kinase LATS1. *Stem cell reports*, 21(7), 102975.

Seyyedi N, et al. (2026) The role of mutant p53R175H in de novo activation of von Willebrand factor expression in tumor cells. *Journal of thrombosis and haemostasis : JTH*.

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

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

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

Selvaraj R, et al. (2025) CES1 Increases Hepatic Triacylglycerol Synthesis Through Activation of PPAR γ , 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).

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.

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.

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 CO₂ chemoreflex in rats. *eLife*, 13.

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.

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.

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