

# Resource Summary Report

Generated by ASWG on Aug 31, 2026

## University of Alberta Faculty of Medicine and Dentistry Flow Cytometry Core Facility

RRID:SCR\_019195

Type: Tool

### Proper Citation

University of Alberta Faculty of Medicine and Dentistry Flow Cytometry Core Facility  
(RRID:SCR\_019195)

### Resource Information

**URL:** <https://www.ualberta.ca/medicine/research/corefacilities/flow-cytometry-facility/index.html>

**Proper Citation:** University of Alberta Faculty of Medicine and Dentistry Flow Cytometry Core Facility (RRID:SCR\_019195)

**Description:** Flow Cytometry Facility offers analytical flow cytometry, cell sorting and data analysis. Instruments include FACSArias, FACSCanto II, LSR-Fortessas, Attune NxT, and Amnis ImageStream mkII.

**Synonyms:** Faculty of Medicine and Dentistry Flow Cytometry Facility

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

**Keywords:** USEDit, analytical flow cytometry, cell sorting, data analysis, ABRF, ABRF

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

**Resource Name:** University of Alberta Faculty of Medicine and Dentistry Flow Cytometry Core Facility

**Resource ID:** SCR\_019195

**Alternate IDs:** ABRF\_1080

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1080>

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

**Record Last Update:** 20260829T183320+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 Flow Cytometry Core Facility.

No alerts have been found for University of Alberta Faculty of Medicine and Dentistry Flow Cytometry Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Eldalal O, et al. (2026) Unraveling dimethylformamide-induced neutrophilic differentiation in HL-60 cells: A proteomic and functional comparison with dimethyl sulfoxide. PloS one, 21(5), e0348783.

Batu T, et al. (2026) microRNAs bidirectionally regulate FUT1 to modulate  $\alpha$ -1,2-fucosylation and cancer-associated biology. The Journal of biological chemistry, 302(7), 113217.

Manivannan MS, et al. (2026) Dual action of pimozide through lysosome disruption and inhibition of STATs induces apoptosis in chronic lymphocytic leukemia (CLL). Blood advances, 10(13), 4595.

Lee HS, et al. (2026) Zinc-Mediated Lysosomal Destabilization Links Mitochondrial Damage to Neuronal Death in a Cellular MPP+ Model of Parkinson's Disease. Journal of neurochemistry, 170(2), e70363.

Armbruster M, et al. (2026) Limited nesting stress in mice as a model to study neuroimmune relationships in postpartum depression. Journal of neuroendocrinology, 38(6), e70216.

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

Fulton JL, et al. (2026) Protocol for a randomized controlled trial comparing saturated and unsaturated fat sources of a ketogenic diet (KETO-IM) investigating cardiovascular, inflammatory and immune function outcomes in adults living with overweight and prediabetes or type 2 diabetes in Edmonton, Canada. Trials, 27(1).

Abbasi-Habashi S, et al. (2026) Integrative imaging and transcriptomics implicate neutrophils in microvascular no-reflow after stroke. Journal of neuroinflammation, 23(1).

Al Rimon R, et al. (2026) Necroptosis is a key contributor to impaired cardiac repair following myocardial infarction. *Cell death & disease*.

Vinals DF, et al. (2025) Adjuvants and MHCII modulate the immunogenicity of subdominant epitopes in *Plasmodium vivax* Duffy binding protein. *iScience*, 28(10), 113630.

Jame-Chenarboo F, et al. (2025) Profiling the regulatory landscape of sialylation through miRNA targeting of CMP- sialic acid synthetase. *The Journal of biological chemistry*, 301(4), 108340.

Oraby AK, et al. (2025) A single amino acid mutation alters multiple neutralization epitopes in the respiratory syncytial virus fusion glycoprotein. *Npj viruses*, 3(1), 33.

Jame-Chenarboo F, et al. (2025) Screening the human miRNA interactome reveals coordinated up-regulation in melanoma, adding bidirectional regulation to miRNA networks. *Science advances*, 11(2), eadr0277.

Braga Tibaes JR, et al. (2025) Assessment of immune function in individuals without and with obesity and normoglycemia, glucose intolerance, or type 2 diabetes: primary findings of the NutrIMM study, a single-arm controlled feeding trial. *The American journal of clinical nutrition*, 121(6), 1315.

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.

Archer D, et al. (2025) A secondary metabolite of *Limosilactobacillus reuteri* R2lc drives strain-specific pathology in a spontaneous mouse model of multiple sclerosis. *Cell reports*, 44(3), 115321.

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.

Rusnak T, et al. (2024) Plant- and Animal-Derived Dietary Sources of Phosphatidylcholine Have Differential Effects on Immune Function in The Context of A High-Fat Diet in Male Wistar Rats. *The Journal of nutrition*, 154(6), 1936.

Zhang EL, et al. (2024) RhoGDI in RBL-2H3 cells acts as a negative regulator of Rho GTPase signaling to inhibit granule exocytosis. *Journal of leukocyte biology*.

Wickenberg M, et al. (2024) Hsp90 inhibition leads to an increase in surface expression of multiple immunological receptors in cancer cells. *Frontiers in molecular biosciences*, 11, 1334876.