

# Resource Summary Report

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

**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:** 20260728T043558+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 28 mentions in open access literature.

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

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.

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.

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.

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

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.

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.

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*.

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.

LaFleur MW, et al. (2024) X-CHIME enables combinatorial, inducible, lineage-specific and sequential knockout of genes in the immune system. *Nature immunology*, 25(1), 178.

Niemand RR, et al. (2024) Counteracting immunotyrosine-based signaling motifs augment zebrafish leukocyte immune-type receptor-mediated phagocytic activity. *Developmental and comparative immunology*, 153, 105121.

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.

Braga Tibaes JR, et al. (2023) The nutrition and immunity (nutrIMM) study: protocol for a non-randomized, four-arm parallel-group, controlled feeding trial investigating immune function in obesity and type 2 diabetes. *Frontiers in nutrition*, 10, 1243359.

Haddad F, et al. (2023) Fever integrates antimicrobial defences, inflammation control, and tissue repair in a cold-blooded vertebrate. *eLife*, 12.

Rusnak T, et al. (2023) A Physiologically Relevant Dose of 50% Egg-Phosphatidylcholine Is Sufficient in Improving Gut Permeability while Attenuating Immune Cell Dysfunction Induced by a High-Fat Diet in Male Wistar Rats. *The Journal of nutrition*, 153(10), 3131.

Omar M, et al. (2023) DNA methylation changes underlie the long-term association between periodontitis and atherosclerotic cardiovascular disease. *Frontiers in cardiovascular medicine*, 10, 1164499.

Iyamu U, et al. (2023) A conserved epitope in VAR2CSA is targeted by a cross-reactive antibody originating from *Plasmodium vivax* Duffy binding protein. *Frontiers in cellular and infection microbiology*, 13, 1202276.

Braga Tibaes JR, et al. (2023) Corrigendum: The nutrition and immunity (nutrIMM) study: protocol for a non-randomized, four-arm parallel-group, controlled feeding trial investigating immune function in obesity and type 2 diabetes. *Frontiers in nutrition*, 10, 1304095.

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.