# **Resource Summary Report**

Generated by NIF on May 17, 2025

# University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility

RRID:SCR\_019182

Type: Tool

## **Proper Citation**

University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility (RRID:SCR\_019182)

#### Resource Information

URL: https://www.ualberta.ca/medicine/research/corefacilities/hcacore/index.html

**Proper Citation:** University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility (RRID:SCR\_019182)

**Description:** Core houses equipment to manage and automate large-scale experiments in areas such as drug discovery and single cell analysis. From sample processing and liquid handling to quantitative analysis of sequencing, imaging, and fluorescent data, core offers high throughput methods for screening needs.

Abbreviations: FoMD HCA

Synonyms: Faculty of Medicine and Dentistry High Content Analysis Core

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

**Keywords:** USEDit, drug discovery, single cell analysis, sample processing, liquid handling, sequencing data quantitative analysis, imaging data quantitative analysis, fluorescent data analysis, ABRF, ABRF

#### **Funding:**

**Resource Name:** University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility

Resource ID: SCR 019182

Alternate IDs: ABRF\_1078

Alternate URLs: https://coremarketplace.org/?FacilityID=1078

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

**Record Last Update:** 20250514T061856+0000

# Ratings and Alerts

No rating or validation information has been found for University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility.

No alerts have been found for University of Alberta Faculty of Medicine and Dentistry High Content Analysis Core Facility.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 6 mentions in open access literature.

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

Shouib R, et al. (2024) Inflammatory gene regulation by Cdc42 in airway epithelial cells. Cellular signalling, 122, 111321.

Keegan SE, et al. (2023) A chromatin remodelling SWI/SNF subunit, Snr1, regulates neural stem cell determination and differentiation. Development (Cambridge, England), 150(13).

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

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.

Makwero M, et al. (2022) An insight into patients' perspectives on barriers affecting participation in shared decision making among patients with diabetes mellitus in Malawi. BMC primary care, 23(1), 42.

Shouib R, et al. (2022) Cdc42 regulates cytokine expression and trafficking in bronchial epithelial cells. Frontiers in immunology, 13, 1069499.