Resource Summary Report

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Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility

RRID:SCR_022000
Type: Tool

Proper Citation

Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility (RRID:SCR_022000)

Resource Information

URL: https://www.research.colostate.edu/fcf/

Proper Citation: Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility (RRID:SCR_022000)

Description: Provides access to flow cytometry and cell sorting instrumentation, services, and expertise for all researchers at Colorado State University. FCF includes spectral flow cytometers Cytek Aurora which enables users to perform more than 25 markers in a sample. FCF also has 10X Genomics chromium controller used to barcode single cells to perform single cell sequencing. Offers data analysis of these complex flow cytmetry and single cell sequencing samples using R programming or bash shell based pipelines.

Abbreviations: FCF

Synonyms: Flow cytometry, cell sorting, and single-cell analysis core

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

Keywords: ABRF, USEDit

Funding:

Availability: restricted

Resource Name: Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility

Resource ID: SCR_022000

Alternate IDs: ABRF_1298

Alternate URLs: https://coremarketplace.org/?FacilityID=1298

Record Creation Time: 20220421T050138+0000

Record Last Update: 20250502T060640+0000

Ratings and Alerts

No rating or validation information has been found for Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility.

No alerts have been found for Colorado State University Flow cytometry, cell sorting, and single cell analysis Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Shaw AE, et al. (2024) Revised mechanism of hydroxyurea-induced cell cycle arrest and an improved alternative. Proceedings of the National Academy of Sciences of the United States of America, 121(42), e2404470121.

Shaw AE, et al. (2024) Revised Mechanism of Hydroxyurea Induced Cell Cycle Arrest and an Improved Alternative. bioRxiv : the preprint server for biology.

Banahene N, et al. (2023) A Far-Red Molecular Rotor Fluorogenic Trehalose Probe for Live Mycobacteria Detection and Drug-Susceptibility Testing. Angewandte Chemie (International ed. in English), 62(2), e202213563.

Dutt TS, et al. (2022) Mucosal exposure to non-tuberculous mycobacteria elicits B cell-mediated immunity against pulmonary tuberculosis. Cell reports, 41(11), 111783.