Resource Summary Report

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West Virginia University Flow Cytometry and Single Cell Core Facility

RRID:SCR_017738
Type: Tool

Proper Citation

West Virginia University Flow Cytometry and Single Cell Core Facility (RRID:SCR_017738)

Resource Information

URL: https://flowcore.hsc.wvu.edu/

Proper Citation: West Virginia University Flow Cytometry and Single Cell Core Facility (RRID:SCR_017738)

Description: Facility provides instrumentation and scientific support for single cell analysis and sorting. Routinely performs analysis of both eukaryotic and prokaryotic cells for expression of intracellular and extracellular proteins, cell cycle, cell proliferation, cytokine production, and cell sorting based on expression of cell surface antigen(s) and/or expression of genetically engineered intercellular fluorescent proteins.

Synonyms: FCSCCF, WVU Flow Cytometry and Single Cell Core Facility

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

Keywords: Single, cell, analysis, sorting, flow, cytometry, West Virginia, service, core

Funding: NCRR RR020866;
NIGMS P30 GM103488;
NIGMS P20 GM103434;
NIGMS U54 GM104942;
NIGMS U51 GM104942;
NIH Office of the Director S10 OD016165;
NIGMS P20 GM109098

Availability: Open

Resource Name: West Virginia University Flow Cytometry and Single Cell Core Facility

Resource ID: SCR_017738

Alternate IDs: ABRF_221

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260804T043706+0000

Ratings and Alerts

No rating or validation information has been found for West Virginia University Flow Cytometry and Single Cell Core Facility.

No alerts have been found for West Virginia University Flow Cytometry and Single Cell Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Boehm DT, et al. (2025) Intratumoral administration of mRNA COVID-19 vaccine delays melanoma growth in mice. Scientific reports, 15(1), 5337.

Basnet A, et al. (2025) Immune Response to Bioluminescence Imaging Reporters in Murine Tumor Models. Molecular imaging and biology, 27(3), 341.

Ray S, et al. (2025) Targeting TRPC channels for control of arthritis-induced bone erosion. Science advances, 11(3), eabm9843.

Landreth KM, et al. (2025) Age-Related Changes in Myeloid Cells and Their Impact on Subcutaneous Melanoma Growth in Mice. Aging and cancer, 6(3), 71.

Westemeier-Rice ES, et al. (2025) Lnc-RAINY regulates genes involved in radiation susceptibility through DNA:DNA:RNA triplex-forming interactions and has tumor therapeutic potential in lung cancers. Non-coding RNA research, 12, 152.

Klinke DJ, et al. (2025) A functional comparison of two transplantable syngeneic mouse models of melanoma: B16F0 and YUMM1.7. Biology open, 14(9).

Villarini-Torres J, et al. (2025) Dual Mechanisms of Action of a Halogenated Allyl Fatty Acid against Methicillin-Resistant Staphylococcus aureus. ACS omega, 10(46), 55769.

Basnet A, et al. (2024) Targeting myeloperoxidase limits myeloid cell immunosuppression enhancing immune checkpoint therapy for pancreatic cancer. Cancer immunology, immunotherapy : CII, 73(3), 57.

McCall JL, et al. (2024) Preclinical evaluation of ELP-004 in mice. Pharmacology research & perspectives, 12(4), e1230.

Mihalik NE, et al. (2023) Dose-Specific Intratumoral GM-CSF Modulates Breast Tumor Oxygenation and Antitumor Immunity. Journal of immunology (Baltimore, Md. : 1950), 211(10), 1589.

Pirkey AC, et al. (2023) Head-to-Head Comparison of CCN4, DNMT3A, PTPN11, and SPARC as Suppressors of Anti-tumor Immunity. Cellular and molecular bioengineering, 16(5-6), 431.

Piktel D, et al. (2022) Pitavastatin Is Anti-Leukemic in a Bone Marrow Microenvironment Model of B-Lineage Acute Lymphoblastic Leukemia. Cancers, 14(11).

Mills A, et al. (2022) Short-term effects of electronic cigarettes on cerebrovascular function: A time course study. Experimental physiology, 107(8), 994.

McCall JL, et al. (2021) Prenatal Cadmium Exposure Alters Proliferation in Mouse CD4+ T Cells via LncRNA Snhg7. Frontiers in immunology, 12, 720635.