Resource Summary Report

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University of Virginia School of Medicine Flow Cytometry Core Facility

RRID:SCR_017829

Type: Tool

Proper Citation

University of Virginia School of Medicine Flow Cytometry Core Facility (RRID:SCR_017829)

Resource Information

URL: https://med.virginia.edu/flow-cytometry-facility/

Proper Citation: University of Virginia School of Medicine Flow Cytometry Core Facility (RRID:SCR 017829)

Description: Services include unassisted and assisted sample acquisition, cell sorting, mass cytometry (CyTOF), Luminex cytokine assays, antibody conjugation and data analysis.

Synonyms: Virginia University School of Medicine Flow Cytometry Core Facility, UVA Flow Cytometry Core Facility, Flow Cytometry Facility

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

Keywords: Sample, acquisition, cell, sorting, mass, cytometry, CyTOF, Luminex, cytokine, assay, antibody, conjugation, data, analysis, service, core, ABRF

Funding: NCI P30 CA044579

Availability: Restricted

Resource Name: University of Virginia School of Medicine Flow Cytometry Core Facility

Resource ID: SCR_017829

Alternate IDs: ABRF_611

Record Creation Time: 20220129T080337+0000

Record Last Update: 20250514T061825+0000

Ratings and Alerts

No rating or validation information has been found for University of Virginia School of Medicine Flow Cytometry Core Facility.

No alerts have been found for University of Virginia School of Medicine Flow Cytometry Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Abebayehu D, et al. (2024) A Thy-1-negative immunofibroblast population emerges as a key determinant of fibrotic outcomes to biomaterials. Science advances, 10(24), eadf2675.

Rival C, et al. (2024) B cells secrete functional antigen-specific IgG antibodies on extracellular vesicles. Scientific reports, 14(1), 16970.

Geslewitz WE, et al. (2024) Development and implementation of a Type I-C CRISPR-based programmable repression system for Neisseria gonorrhoeae. mBio, 15(2), e0302523.

Pierce R, et al. (2024) Persistent dysbiosis of duodenal microbiota in patients with controlled pediatric Crohn's disease after resolution of inflammation. Scientific reports, 14(1), 12668.

Busey GW, et al. (2024) Analogs of FTY720 inhibit TRPM7 but not S1PRs and exert multimodal anti-inflammatory effects. The Journal of general physiology, 156(1).

Castello-Serrano I, et al. (2024) Partitioning to ordered membrane domains regulates the kinetics of secretory traffic. eLife, 12.

Kumar S, et al. (2024) Characterizing microglial signaling dynamics during inflammation using single-cell mass cytometry. bioRxiv: the preprint server for biology.

Thompson BA, et al. (2024) A high-dimensional platform for observing neutrophil-parasite interactions. Microbiology spectrum, 12(8), e0047224.

Lacinski RA, et al. (2024) Nanosphere pharmacodynamics improves safety of immunostimulatory cytokine therapy. iScience, 27(2), 108836.

Potter AD, et al. (2024) Dual species transcriptomics reveals conserved metabolic and immunologic processes in interactions between human neutrophils and Neisseria gonorrhoeae. PLoS pathogens, 20(7), e1012369.

Serrano Matos YA, et al. (2024) Colonization during a key developmental window reveals microbiota-dependent shifts in growth and immunity during undernutrition. Microbiome, 12(1), 71.

Canderan G, et al. (2024) Distinct Type 1 Immune Networks Underlie the Severity of Restrictive Lung Disease after COVID-19. bioRxiv: the preprint server for biology.

Cardenas AJ, et al. (2024) Neisseria gonorrhoeae scavenges host sialic acid for Siglec-mediated, complement-independent suppression of neutrophil activation. mBio, 15(5), e0011924.

Shi X, et al. (2024) UBA1-CDK16: A Sex-Specific Chimeric RNA and Its Role in Immune Sexual Dimorphism. bioRxiv: the preprint server for biology.

Saunders MN, et al. (2024) Immunotherapy with biodegradable nanoparticles encapsulating the oligosaccharide galactose-alpha-1,3-galactose enhance immune tolerance against alphagal sensitization in a murine model of alpha-gal syndrome. Frontiers in allergy, 5, 1437523.

Merchak AR, et al. (2024) Lactobacillus from the Altered Schaedler Flora maintain IFN? homeostasis to promote behavioral stress resilience. Brain, behavior, and immunity, 115, 458.

Kitelinger LE, et al. (2024) Tissue- and Temporal-Dependent Dynamics of Myeloablation in Response to Gemcitabine Chemotherapy. Cells, 13(16).

Lamb ER, et al. (2024) High-dimensional spectral flow cytometry of activation and phagocytosis by peripheral human polymorphonuclear leukocytes. bioRxiv: the preprint server for biology.

Castello-Serrano I, et al. (2024) Partitioning to ordered membrane domains regulates the kinetics of secretory traffic. bioRxiv: the preprint server for biology.

Dunaway LS, et al. (2024) Obesogenic diet disrupts tissue-specific mitochondrial gene signatures in the artery and capillary endothelium. Physiological genomics, 56(2), 113.