Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory Core Facility

RRID:SCR_022376
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory Core Facility (RRID:SCR_022376)

Resource Information

URL: https://pathbio.med.upenn.edu/pbr/portal/flowcyto/

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Description: Flow cytometry shared resource laboratory at the University of Pennsylvania. Facility has instruments, which include analyzers, cell sorters, small particle detectors, dual fluorescence cell counter/viability instrument, tissue dissociator for cell preparation. Provides on-site and off-site support to instrument users, including analyzer and cell sorter training. Core's Research and Development team collaborates/consults with principal investigators in developing high-dimensional panels, as well as staining, acquisition, and analysis.

Synonyms: Penn Cytomics, Cytomics and Cell Sorting Resource Laboratory, University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory

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

Keywords: ABRF, flow cytometry, cell sorting, analyzer and cell sorter training,

Funding: NCI P30 016520

Availability: Open

Resource Name: University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory Core Facility

Resource ID: SCR_022376

Alternate IDs: ARBF_1389

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1389

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250514T061934+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Cytomics and Cell Sorting Resource Laboratory Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Kadam PS, et al. (2024) Single-mitochondrion sequencing uncovers distinct mutational patterns and heteroplasmy landscape in mouse astrocytes and neurons. BMC biology, 22(1), 162.

Pardy RD, et al. (2024) Analysis of intestinal epithelial cell responses to Cryptosporidium highlights the temporal effects of IFN-? on parasite restriction. PLoS pathogens, 20(5), e1011820.

Golden GJ, et al. (2024) Immune perturbations in human pancreas lymphatic tissues prior to and after type 1 diabetes onset. bioRxiv : the preprint server for biology.

Kadam PS, et al. (2024) Single-Mitochondrion Sequencing Uncovers Distinct Mutational Patterns and Heteroplasmy Landscape in Mouse Astrocytes and Neurons. bioRxiv : the preprint server for biology.

Dimitri AJ, et al. (2024) TET2 regulates early and late transitions in exhausted CD8+ T cell differentiation and limits CAR T cell function. Science advances, 10(46), eadp9371.

Kim WS, et al. (2024) ICAM1+ gingival fibroblasts modulate periodontal inflammation to mitigate bone loss. Frontiers in immunology, 15, 1484483.

Ohl L, et al. (2024) Partial suppression of BCAA catabolism as a potential therapy for BCKDK deficiency. Molecular genetics and metabolism reports, 39, 101091.

Hamilton AG, et al. (2024) High-Throughput In Vivo Screening Identifies Differential Influences on mRNA Lipid Nanoparticle Immune Cell Delivery by Administration Route. ACS nano, 18(25), 16151.

Wang Z, et al. (2024) A percolation-type criticality threshold controls immune protein coating of surfaces. bioRxiv : the preprint server for biology.

Denny JE, et al. (2024) Monoclonal antibody-mediated neutralization of Clostridioides difficile toxin does not diminish induction of the protective innate immune response to infection. Anaerobe, 88, 102859.

Jalnapurkar SS, et al. (2024) PHF6 suppresses self-renewal of leukemic stem cells in AML. Leukemia, 38(9), 1938.

Han EL, et al. (2024) Peptide-Functionalized Lipid Nanoparticles for Targeted Systemic mRNA Delivery to the Brain. Nano letters.

Omo-Lamai S, et al. (2024) Physicochemical Targeting of Lipid Nanoparticles to the Lungs Induces Clotting: Mechanisms and Solutions. Advanced materials (Deerfield Beach, Fla.), 36(26), e2312026.

Jalnapurkar SS, et al. (2024) PHF6 suppresses self-renewal of leukemic stem cells in AML. bioRxiv : the preprint server for biology.

Lee CS, et al. (2024) Fate induction in CD8 CAR T cells through asymmetric cell division. Nature, 633(8030), 670.

Wong KG, et al. (2024) Growth factor-induced activation of MSK2 leads to phosphorylation of H3K9me2S10 and corresponding changes in gene expression. Science advances, 10(11), eadm9518.

Geisler HC, et al. (2024) EGFR-targeted ionizable lipid nanoparticles enhance in vivo mRNA delivery to the placenta. Journal of controlled release : official journal of the Controlled Release Society, 371, 455.

Wofford KL, et al. (2024) Peripheral immune cell dysregulation following diffuse traumatic brain injury in pigs. Journal of neuroinflammation, 21(1), 324.

Pardy RD, et al. (2023) Analysis of intestinal epithelial cell responses to Cryptosporidium

highlights the temporal effects of IFN-? on parasite restriction. bioRxiv : the preprint server for biology.

Goldman N, et al. (2023) Intrinsically disordered domain of transcription factor TCF-1 is required for T cell developmental fidelity. Nature immunology, 24(10), 1698.