Resource Summary Report

Generated by RRID on May 15, 2025

University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility

RRID:SCR_022410
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility (RRID:SCR_022410)

Resource Information

URL: https://www.med.upenn.edu/ifi/cytofservicecenter.html

Proper Citation: University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility (RRID:SCR_022410)

Description: CyTOF?enables multi-parametric high-dimensional single?cell analysis?of more than 40 markers per cell, with?minimal background and compensation?issues.?Core?offers variety of?CyTOF-related services including?reagent distribution, consultation,?antibody conjugation, and data acquisition.?

Abbreviations: CyTOF

Synonyms: University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center, IFI CyTOF Service Center

Resource Type: material storage repository, core facility, service resource, storage service resource, access service resource

Keywords: USEDit, ABRF, stockroom

Funding:

Resource Name: University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility

Resource ID: SCR_022410

Alternate IDs: ARBF_1419

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1419

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250514T061935+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine IFI CyTOF Service Center Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Hirt N, et al. (2025) Systems immunology integrates the complex endotypes of recessive dystrophic epidermolysis bullosa. Nature communications, 16(1), 664.

Su P, et al. (2024) In vivo CRISPR screens identify a dual function of MEN1 in regulating tumor-microenvironment interactions. Nature genetics, 56(9), 1890.

Jeanpierre M, et al. (2024) Haploinsufficiency in PTPN2 leads to early-onset systemic autoimmunity from Evans syndrome to lupus. The Journal of experimental medicine, 221(9).

Krishnan A, et al. (2024) Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) deletion in myeloid cells augments cholestatic liver injury. Scientific reports, 14(1), 2145.

Kosmider O, et al. (2024) VEXAS syndrome is characterized by inflammasome activation and monocyte dysregulation. Nature communications, 15(1), 910.

Calderon-Gonzalez R, et al. (2024) In vivo single-cell high-dimensional mass cytometry analysis to track the interactions between Klebsiella pneumoniae and myeloid cells. PLoS pathogens, 20(4), e1011900.

Kamolratanakul S, et al. (2024) Comparison of the Single Cell Immune Landscape between

Subjects with High Mycobacterium tuberculosis Bacillary Loads during Active Pulmonary Tuberculosis and Household Members with Latent Tuberculosis Infection. Cells, 13(4).

Amarin JZ, et al. (2024) Immunophenotypic predictors of influenza vaccine immunogenicity in pediatric hematopoietic cell transplant recipients. Blood advances, 8(8), 1880.

Saris J, et al. (2024) T-cell responses in colorectal peritoneal metastases are recapitulated in a humanized immune system mouse model. Frontiers in immunology, 15, 1415457.

Bordenave J, et al. (2024) Deciphering bone marrow engraftment after allogeneic stem cell transplantation in humans using single-cell analyses. The Journal of clinical investigation, 134(20).

Yin K, et al. (2023) Long COVID manifests with T cell dysregulation, inflammation, and an uncoordinated adaptive immune response to SARS-CoV-2. bioRxiv : the preprint server for biology.

Guo M, et al. (2023) Molecular, metabolic, and functional CD4 T cell paralysis in the lymph node impedes tumor control. Cell reports, 42(9), 113047.

Berson E, et al. (2023) Cross-species comparative analysis of single presynapses. Scientific reports, 13(1), 13849.

de Cevins C, et al. (2023) Single-cell RNA-sequencing of PBMCs from SAVI patients reveals disease-associated monocytes with elevated integrated stress response. Cell reports. Medicine, 4(12), 101333.

Anderhalten L, et al. (2022) Different Impact of Gadopentetate and Gadobutrol on Inflammation-Promoted Retention and Toxicity of Gadolinium Within the Mouse Brain. Investigative radiology, 57(10), 677.

Laich Y, et al. (2022) Single-Cell Protein and Transcriptional Characterization of Epiretinal Membranes From Patients With Proliferative Vitreoretinopathy. Investigative ophthalmology & visual science, 63(5), 17.

Chang CY, et al. (2022) Chronic exposure to carbon black ultrafine particles reprograms macrophage metabolism and accelerates lung cancer. Science advances, 8(46), eabq0615.

Widmer CA, et al. (2022) Loss of the volume-regulated anion channel components LRRC8A and LRRC8D limits platinum drug efficacy. Cancer research communications, 2(10), 1266.

Li Y, et al. (2022) Inflammation and Fibrosis in Patients with Non-Cirrhotic Hepatitis B Virus-Associated Hepatocellular Carcinoma: Impact on Prognosis after Hepatectomy and Mechanisms Involved. Current oncology (Toronto, Ont.), 30(1), 196.

Fielder E, et al. (2022) Short senolytic or senostatic interventions rescue progression of radiation-induced frailty and premature ageing in mice. eLife, 11.