Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

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

Keywords: USEDit, ABRF, stockroom

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: 20260912T200026+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 39 mentions in open access literature.

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

Ma T, et al. (2026) Multiomic analysis of ART-interruption cohorts identifies cell-extrinsic and -intrinsic mechanisms driving lymphocyte-mediated control of HIV rebound. Immunity, 59(5), 1454.

Lim SH, et al. (2026) Distinct Spatially Resolved Tumor Microenvironment Trajectories Define Benefit from Ramucirumab plus Pembrolizumab in Refractory PD-L1+ Gastric Cancer. Cancer immunology research, 14(2), 307.

Lim SH, et al. (2026) Mass cytometry uncovers distinct blood myeloid phenotypes linked to clinical responses during gastric cancer chemoimmunotherapy. Cancer immunology, immunotherapy : CII, 75(4).

Wang W, et al. (2025) CyTOF reveals platelet subtype changes predicting the efficacy of combined immunotherapy and targeted therapy in liver cancer. Frontiers in immunology, 16, 1538652.

Gaudeaux P, et al. (2025) Ex vivo-generated lymphoid progenitors encompass both T cell and innate lymphoid cell fates. Frontiers in immunology, 16, 1617707.

Ciaramicoli LM, et al. (2025) Label-Free Enrichment of Highly Metastatic Tumor-Initiating Cells up to a Monoclonal State. Biomaterials research, 29, 0168.

Martínez LE, et al. (2025) Description of T-Cell and Monocyte Populations in the Circulation of People with HIV Prior to AIDS-NHL Diagnosis. Cells, 14(20).

Zhang Q, et al. (2025) Dietary advanced glycation end-products promote food allergy by disrupting intestinal barrier and enhancing Th2 immunity. Nature communications, 16(1), 4960.

Jorda A, et al. (2025) Stability of cytokine, cellular and clinical response to the intravenous LPS challenge repeated after one year: a healthy volunteer trial. Medical microbiology and immunology, 214(1), 14.

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

Jeanpierre M, et al. (2025) In silico modeling guides identification of novel JAK1 variants associated with immune dysregulation. EMBO molecular medicine, 17(12), 3275.

Tan Z, et al. (2025) Immune development differs between preterm newborns fed mothers' own milk and donor milk. iScience, 28(7), 112918.

Martin Corredera M, et al. (2025) Feeder-cell-free system for ex vivo production of natural killer cells from cord blood hematopoietic stem and progenitor cells. Frontiers in immunology, 16, 1531736.

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.

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

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.

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).

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.

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

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).