Resource Summary Report

Generated by dkNET on Aug 20, 2026

Cytobank

RRID:SCR_014043
Type: Tool

Proper Citation

Cytobank (RRID:SCR_014043)

Resource Information

URL: http://www.cytobank.org/index.html

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Description: A cloud-based platform which allows users to analyze, visualize, and archive multiparamter cytometry data for single-cell biology. Multiple single-cell data sets can be analyzed and visualized simultaneously with a variety of graphics, inlcuding Sunburst, SPADE, and viSNE. Users can store and back up related data such as protocols, microscopy images, and presentations and collaborate and share analysis and data sets with other Cytobank users. Cytobank also provides a variety of services and training sessions to assist with experiment workflow.

Synonyms: Cytobank Inc.

Resource Type: web application, training service resource, service resource, software resource

Keywords: single-cell biology, data, platform, cytometry, analyze, visualize, graphic, training service

Availability: Free, Price varies for different options, Available to the research community, Available to industry

Resource Name: Cytobank

Resource ID: SCR_014043

License URLs: http://www.cytobank.org/terms.html, http://www.cytobank.org/privacy.html

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260821T042853+0000

Ratings and Alerts

No rating or validation information has been found for Cytobank.

No alerts have been found for Cytobank.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1326 mentions in open access literature.

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

Trolio E, et al. (2026) Protocol for immunomagnetic enrichment of T cells from complex murine tissues. STAR protocols, 7(2), 104436.

Nguyen N, et al. (2026) Molecular signatures and causal factors underlying latent cytomegalovirus infection among people living with HIV (PLHIV). Nature communications, 17(1).

van den Brink M, et al. (2026) Image-based phenotypic sorting of synthetic cells. Science advances, 12(23), eaed0860.

Shi J, et al. (2026) Extrinsic apoptosis and necroptosis in telencephalic development: a single-cell mass cytometry study. Cell death and differentiation, 33(3), 656.

Cho NA, et al. (2026) Impaired systemic antibody response against gut microbiota pathobionts in critical illness and susceptibility to nosocomial infections. Intensive care medicine experimental, 14(1), 9.

Chen X, et al. (2026) Mitochondrial Activity Regulates Human T Helper 17 Differentiation and Function. Immunology, 177(1), 185.

Kim Y, et al. (2026) The effect of combining HIV latency reversal with inhibition of phosphoinositide-3 kinases or B-cell lymphoma-2 on the HIV reservoir. PLoS pathogens, 22(1), e1013923.

Dobson B, et al. (2026) Differential disease tolerance mediates sex-biased illness severity in sepsis. Proceedings of the National Academy of Sciences of the United States of America, 123(9), e2522764123.

Clark LM, et al. (2026) BCL6 in T cells promotes type 1 diabetes by redirecting fates of insulin-autoreactive B lymphocytes. iScience, 29(6), 115990.

Lima PDA, et al. (2026) Mass cytometry reveals complex neutrophil heterogeneity in patients with severe sepsis. Intensive care medicine experimental, 14(1).

Culig L, et al. (2026) Nicotinamide riboside treatment enhances stress sensitivity and modulates hematological dynamics in aged mice. GeroScience, 48(2), 2451.

Druffner SR, et al. (2026) Endogenous Glucocorticoids Moderate the Gastric Inflammatory Response to Helicobacter Infection and Protect from Autoimmunity. Cellular and molecular gastroenterology and hepatology, 20(4), 101699.

Tripathi U, et al. (2026) Senolytic-Resistant Senescent Cells Have a Distinct SASP Profile and Functional Impact: The Path to Developing Senosensitizers. Aging cell, 25(1), e70358.

Baráth BR, et al. (2026) Distinct transcriptional and epigenomic programs define Hofbauer cells in term placenta. JCI insight, 11(3).

Restrepo Sierra AM, et al. (2026) A synthetic cell with integrated DNA self-replication and lipid biosynthesis. Nature communications, 17(1).

Prinsloo A, et al. (2026) The Effects of In Utero HIV and Antiretroviral Therapy Exposure on Infant T-Cell and Monocyte Activation, Function, and Regulation of Immune-Modulatory Pathways. Mediators of inflammation, 2026(1), e2928164.

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.

Hu Y, et al. (2026) Persistent CD8+ T cell-driven immune dysregulation despite normalized CD4+ T cell recovery in ART-treated people living with HIV. Frontiers in immunology, 17, 1735779.

Allgöwer C, et al. (2026) An oncogenic KRAS-driven secretome involving TNF? promotes niche preparation prior to pancreatic cancer onset. Molecular cancer, 25(1), 29.

Sirc N, et al. (2026) Functionally Characterizing the Renal Cell Carcinoma Tumor-Immune Microenvironment via Patient-Derived Ex Vivo Models. Cancer research communications, 6(2), 402.