

Resource Summary Report

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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 multiparameter cytometry data for single-cell biology. Multiple single-cell data sets can be analyzed and visualized simultaneously with a variety of graphics, including 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, software resource, service resource, training service 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: 20260805T044319+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 1218 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

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

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.

Xu J, et al. (2026) Etomidate Improves Antitumor Immunity by Suppressing PD-L1 Expression in Hepatocellular Carcinoma Cells. Cellular and molecular gastroenterology and hepatology, 20(2), 101652.

Drizyte-Miller K, et al. (2025) Combination of the MTA-Cooperative PRMT5 Inhibitor BMS-986504 and KRAS Inhibitors Is an Effective Treatment Strategy for MTAP-Deleted KRAS-Mutant Pancreatic Cancer. Cancer research, 85(18), 3540.

Gorze O, et al. (2025) Engineering unnatural amino acids in peptide linkers enables cathepsin-selective antibody-drug conjugates for HER2-positive breast cancer. Journal of controlled release : official journal of the Controlled Release Society, 387, 114269.

Behsen AD, et al. (2025) T cell phenotype and clonality changes in myeloma patients with short overall survival. JCI insight, 10(11).

Aalam SMM, et al. (2025) Receptor Tyrosine Kinase Profiling Identifies Chronic Constitutive Floodgate Oxidative Signaling in Glutathione-Independent Human Mammary Luminal Progenitor Cells. bioRxiv : the preprint server for biology.

Balestra T, et al. (2025) Co-targeting of the thymic stromal lymphopoietin receptor to decrease immunotherapeutic resistance in CRLF2-rearranged Ph-like and Down syndrome acute lymphoblastic leukemia. Leukemia, 39(3), 555.

Sun J, et al. (2025) Blocking WNT7A Enhances MHC-I Antigen Presentation and Enhances the Effectiveness of Immune Checkpoint Blockade Therapy. Cancer immunology research, 13(3), 400.

Madsen RR, et al. (2025) Oncogenic PIK3CA corrupts growth factor signaling specificity. Molecular systems biology, 21(2), 126.

Tu TH, et al. (2025) The identification of a SARs-CoV2 S2 protein derived peptide with super-antigen-like stimulatory properties on T-cells. *Communications biology*, 8(1), 14.

Yanagihara T, et al. (2025) Immunophenotyping of T Cells in Lung Malignancies and Cryptogenic Organizing Pneumonia. *Journal of clinical medicine*, 14(2).

Søndergaard JN, et al. (2025) Single cell suppression profiling of human regulatory T cells. *Nature communications*, 16(1), 1325.

Kirby CS, et al. (2025) RNase L represses hair follicle regeneration through altered innate immune signaling. *The Journal of clinical investigation*, 135(6).

Brown-Burke F, et al. (2025) PRMT5 inhibition reduces hyperinflammation in a murine model of secondary hemophagocytic lymphohistiocytosis. *Blood advances*, 9(10), 2379.

Moshkelgosha S, et al. (2025) Emergence of a senescent and inflammatory pulmonary CD4+ T cell population prior to lung allograft failure. *Science advances*, 11(12), eadp9052.

Dubuisson A, et al. (2025) Glucose deprivation and identification of TXNIP as an immunometabolic modulator of T cell activation in cancer. *Frontiers in immunology*, 16, 1548509.

Yuan Z, et al. (2025) Activated platelets stimulate effector CD8+ T cells to enhance HNSCC immunotherapy efficacy. *Discover oncology*, 16(1), 760.

Mikami T, et al. (2025) Multi-omics analysis identifies an M-MDSC-like immunosuppressive phenotype in lineage-switched AML with KMT2A rearrangement. *Nature communications*, 16(1), 7955.

Nattress CB, et al. (2025) Phenoscaping Reveals Multimodal ?? T-cell Cytotoxicity as a Strategy to Overcome Cancer Cell-Mediated Immunomodulation. *Cancer research*, 85(22), 4415.