

Resource Summary Report

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FLOWRepository

RRID:SCR_013779

Type: Tool

Proper Citation

FLOWRepository (RRID:SCR_013779)

Resource Information

URL: <http://flowrepository.org>

Proper Citation: FLOWRepository (RRID:SCR_013779)

Description: A database of flow cytometry experiments where users can query and download data collected and annotated according to the MIFlowCyt data standard.

Synonyms: FlowRepository, FLOW Repository

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Defining Citation: [PMID:22887982](#)

Keywords: cytometry, database, flow cytometry experiment, miflowcyt, FASEB list

Funding: Wallace H. Coulter Foundation ;
International Society for Advancement of Cytometry

Availability: Public, Available to the research community

Resource Name: FLOWRepository

Resource ID: SCR_013779

Alternate IDs: r3d100011280

License URLs: https://flowrepository.org/terms_of_service,
https://flowrepository.org/privacy_policy

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260905T132740+0000

Ratings and Alerts

No rating or validation information has been found for FLOWRepository.

No alerts have been found for FLOWRepository.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 313 mentions in open access literature.

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

Haque T, et al. (2026) Environmental impacts on gene expression noise and its relationship with fitness. bioRxiv : the preprint server for biology.

Ding C, et al. (2026) Type II tRNA cleavage by SLFN14 endoribonuclease variants linked to inherited thrombocytopenia drives global translational repression. PLoS biology, 24(5), e3003830.

Hedberg G, et al. (2026) Systemic Immune Alterations in Paediatric Classical Hodgkin Lymphoma With CCL17 and MCP-4 as Diagnostic and Predictive Biomarkers. EJHaem, 7(1), e70228.

Ding Z, et al. (2026) Application and characterization of the multiple instance learning framework in flow cytometry. Scientific reports, 16(1), 2380.

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.

Zhang X, et al. (2026) scMOVIR: a single-cell multi-omics database for human viral infections and immune responses. Nucleic acids research, 54(D1), D871.

Sánchez-Cañizares C, et al. (2026) Developmental fates and N₂-fixing efficiency of terminally-differentiated versus undifferentiated bacteroids from legume nodules. Plant physiology, 200(3).

Docampo-Seara A, et al. (2026) The microglia-derived protein Sema4ab attenuates regenerative neurogenesis after spinal cord injury in zebrafish. PLoS biology, 24(6), e3003865.

Anobile DP, et al. (2026) Argonaute 2 drives resistance to immune checkpoint inhibitors in immunorefractory non-small cell lung cancer. PLoS biology, 24(6), e3003860.

Long W, et al. (2026) Disrupting CD22-cis-ligand interactions ameliorates type 1 diabetes and graft rejection by expanding regulatory B cells. PLoS biology, 24(3), e3003681.

Feng C, et al. (2026) Microglia sense fungal infections through capsular components from capillary-bound Cryptococcus neoformans via endothelial nucleotide signaling. PLoS

biology, 24(2), e3003642.

Steinmetz TD, et al. (2026) Development, validation, and implementation of the antibody-secreting cell maturity index: Universal prediction of human plasma cell maturity. *iScience*, 29(6), 116050.

Ghazy E, et al. (2026) Cytometric proteome profiling of GFP-tagged yeast for characterizing novel antifungals. *Communications biology*, 9(1).

Fernandes C, et al. (2025) Flow virometry: recent advancements, best practices, and future frontiers. *Journal of virology*, 99(2), e0171724.

Lindsay MR, et al. (2025) Laminarin stimulates single cell rates of sulfate reduction whereas oxygen inhibits transcriptomic activity in coastal marine sediment. *The ISME journal*, 19(1).

Gemander N, et al. (2025) Systems vaccinology identifies immunological correlates of SARS-CoV-2 vaccine response in solid organ transplant recipients. *NPJ vaccines*, 10(1), 140.

Xiong DF, et al. (2025) Mediator complex subunit MED23 dampens antiviral innate immunity by restricting RIG-I expression. *PLoS biology*, 23(7), e3003294.

Bellassen L, et al. (2025) The immune receptor SLAMF5 regulates myeloid-cell mediated neuroinflammation in multiple sclerosis. *PLoS biology*, 23(9), e3003373.

Muñoz Sandoval D, et al. (2025) *Plasmodium falciparum* infection induces T cell tolerance that is associated with decreased disease severity upon re-infection. *The Journal of experimental medicine*, 222(7).

Guo R, et al. (2025) IL-6R blockade combined with immunosuppressants alleviates adult-onset Still's disease through immune remodeling: a mass cytometry study. *Journal of translational medicine*, 23(1), 610.