

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

MetaCyto

RRID:SCR_016415

Type: Tool

Proper Citation

MetaCyto (RRID:SCR_016415)

Resource Information

URL: <http://bioconductor.org/packages/release/bioc/html/MetaCyto.html>

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Description: Software tool for automated meta-analysis of mass and flow cytometry data. Provides functions for preprocessing, automated gating and meta-analysis of cytometry data and collection of cytometry data from the ImmPort database.

Resource Type: data analysis software, data processing software, software application, software resource, software toolkit

Keywords: automated, analysis, meta, flow, cytometry, data, bio.tools

Funding: the National Institute of Allergy and Infectious Diseases HHSN272201200028C

Availability: Free, Available for download, Freely available

Resource Name: MetaCyto

Resource ID: SCR_016415

Alternate IDs: biotools:metacyto

Alternate URLs: <https://bio.tools/metacyto>

License: GPL

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260905T132808+0000

Ratings and Alerts

No rating or validation information has been found for MetaCyto.

No alerts have been found for MetaCyto.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Ruan DF, et al. (2024) High-dimensional analysis of NK cells in kidney transplantation uncovers subsets associated with antibody-independent graft dysfunction. JCI insight, 9(21).

Ruan DF, et al. (2023) Understanding the heterogeneity of alloreactive natural killer cell function in kidney transplantation. bioRxiv : the preprint server for biology.

McCaffrey EF, et al. (2022) The immunoregulatory landscape of human tuberculosis granulomas. Nature immunology, 23(2), 318.

Hu Z, et al. (2020) A robust and interpretable end-to-end deep learning model for cytometry data. Proceedings of the National Academy of Sciences of the United States of America, 117(35), 21373.

Bhattacharya S, et al. (2018) ImmPort, toward repurposing of open access immunological assay data for translational and clinical research. Scientific data, 5, 180015.