

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

## MetaCyto

RRID:SCR\_016415

Type: Tool

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### Proper Citation

MetaCyto (RRID:SCR\_016415)

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### Resource Information

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

**Proper Citation:** MetaCyto (RRID:SCR\_016415)

**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:** software toolkit, software application, data processing software, software resource, data analysis software

**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:** 20260813T055125+0000

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### Ratings and Alerts

No rating or validation information has been found for MetaCyto.

No alerts have been found for MetaCyto.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.