

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

MEBOCOST

RRID:SCR_024688

Type: Tool

Proper Citation

MEBOCOST (RRID:SCR_024688)

Resource Information

URL: <https://github.com/zhengrongbin/MEBOCOST>

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Description: Software Python package to predict metabolite mediated cell-cell communications by single-cell RNA-seq data. Used for inferring metabolite, such as lipid, mediated cell-cell communication events using single-cell RNA-seq data.

Resource Type: software resource, software toolkit

Defining Citation: [DOI:10.1101/2022.05.30.494067](https://doi.org/10.1101/2022.05.30.494067)

Keywords: predict metabolite mediated cell-cell communications, single-cell RNA-seq data, quantitatively inferring metabolite-based intercellular communications,

Availability: Free, Available for download, Freely available

Resource Name: MEBOCOST

Resource ID: SCR_024688

License: BSD-3-Clause license

Record Creation Time: 20231115T050219+0000

Record Last Update: 20260829T182907+0000

Ratings and Alerts

No rating or validation information has been found for MEBOCOST.

No alerts have been found for MEBOCOST.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Jia Z, et al. (2025) Foxa2-dependent uterine glandular cell differentiation is essential for successful implantation. Nature communications, 16(1), 2465.

Birk S, et al. (2025) Quantitative characterization of cell niches in spatially resolved omics data. Nature genetics, 57(4), 897.

Zhu B, et al. (2024) Targeting Liver Epsins Ameliorates Dyslipidemia in Atherosclerosis. bioRxiv : the preprint server for biology.

Wang H, et al. (2024) IGF2BP3 promotes glutamine metabolism of endometriosis by interacting with UCA1 to enhances the mRNA stability of GLS1. Molecular medicine (Cambridge, Mass.), 30(1), 64.

Su J, et al. (2024) Cell-cell communication: new insights and clinical implications. Signal transduction and targeted therapy, 9(1), 196.

Jia Z, et al. (2024) Metabolic reprogramming and heterogeneity during the decidualization process of endometrial stromal cells. Cell communication and signaling : CCS, 22(1), 385.