

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 16, 2026

## Connectome

RRID:SCR\_028632

Type: Tool

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### Proper Citation

Connectome (RRID:SCR\_028632)

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### Resource Information

**URL:** <https://github.com/msraredon/Connectome>

**Proper Citation:** Connectome (RRID:SCR\_028632)

**Description:** Software R package for calculation and interactive exploration of cell-cell signaling network topologies contained in single-cell RNA-sequencing data. Used to explore cell-cell connectivity patterns based on ligand and receptor data in heterogeneous single-cell datasets.

**Resource Type:** software resource, software toolkit, source code

**Defining Citation:** [DOI:10.1101/2021.01.21.427529](https://doi.org/10.1101/2021.01.21.427529)

**Keywords:** calculation and interactive exploration of cell-cell signaling network, network topologies, single-cell RNA-sequencing data, explore cell-cell connectivity patterns, ligand and receptor data, heterogeneous single-cell datasets,

**Availability:** Free, Available for download, Freely available

**Resource Name:** Connectome

**Resource ID:** SCR\_028632

**License:** GNU GPL v3

**Record Creation Time:** 20260702T054902+0000

**Record Last Update:** 20260912T200556+0000

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### Ratings and Alerts

No rating or validation information has been found for Connectome.

No alerts have been found for Connectome.

## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ramos-Llordén G, et al. (2026) Ultra-high gradient connectomics and microstructure MRI scanner for imaging of human brain circuits across scales. Nature biomedical engineering, 10(2), 309.

Ramaswamy A, et al. (2021) Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. Immunity, 54(5), 1083.