

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

## Analyze Spheroid Cell Invasion In 3D Matrix

RRID:SCR\_021204

Type: Tool

### Proper Citation

Analyze Spheroid Cell Invasion In 3D Matrix (RRID:SCR\_021204)

### Resource Information

**URL:**

[https://github.com/MontpellierRessourcesImagerie/imagej\\_macros\\_and\\_scripts/wiki/Analyze-Spheroid-Cell-Invasion-In-3D-Matrix](https://github.com/MontpellierRessourcesImagerie/imagej_macros_and_scripts/wiki/Analyze-Spheroid-Cell-Invasion-In-3D-Matrix)

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**Description:** Software tool to measure area of invading spheroid in 3D cell invasion assay. Can also count and measure area of nuclei within spheroid.

**Abbreviations:** ASCI

**Resource Type:** 2d time-series analysis software, data analysis software, data processing software, image analysis software, segmentation software, software application, software resource, time-series analysis software

**Keywords:** 3D cell invasion assay, spheroid area measurement, invading spheroid, nuclei, cell, invasion, spheroid, cell motility, cancer

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

**Resource Name:** Analyze Spheroid Cell Invasion In 3D Matrix

**Resource ID:** SCR\_021204

**Old URLs:** [http://dev.mri.cnrs.fr/projects/imagej-macros/wiki/Analyze\\_Spheroid\\_Cell\\_Invasion\\_In\\_3D\\_Matrix](http://dev.mri.cnrs.fr/projects/imagej-macros/wiki/Analyze_Spheroid_Cell_Invasion_In_3D_Matrix)

**License:** MIT License

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260905T132936+0000

### Ratings and Alerts

No rating or validation information has been found for Analyze Spheroid Cell Invasion In 3D Matrix.

No alerts have been found for Analyze Spheroid Cell Invasion In 3D Matrix.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Menshikh K, et al. (2024) Bifunctional mesoporous glasses for bone tissue engineering: Biological effects of doping with cerium and polyphenols in 2D and 3D in vitro models. Biomaterials and biosystems, 14, 100095.

Moura DS, et al. (2024) HMGA1 regulates trabectedin sensitivity in advanced soft-tissue sarcoma (STS): A Spanish Group for Research on Sarcomas (GEIS) study. Cellular and molecular life sciences : CMLS, 81(1), 219.

Rodrigues DB, et al. (2024) Generation of 3D melanoma models using an assembloid-based approach. Acta biomaterialia, 178, 93.

Quinteira R, et al. (2024) Decellularized kidney extracellular matrix-based hydrogels for renal tissue engineering. Acta biomaterialia, 180, 295.

Mondaza-Hernandez JL, et al. (2022) ISG15 as a prognostic biomarker in solitary fibrous tumour. Cellular and molecular life sciences : CMLS, 79(8), 434.

Domingues CP, et al. (2012) Model-derived dispersal pathways from multiple source populations explain variability of invertebrate larval supply. PloS one, 7(4), e35794.