

# Resource Summary Report

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## BioVoxxel Toolbox

RRID:SCR\_015825

Type: Tool

### Proper Citation

BioVoxxel Toolbox (RRID:SCR\_015825)

### Resource Information

**URL:** <http://www.biovoxxel.de/>

**Proper Citation:** BioVoxxel Toolbox (RRID:SCR\_015825)

**Description:** Software toolkit for analyzing tool for microscopic images. It contains plugins and some macros dealing with image filtering, image segmentation and binary image processing and analysis.

**Synonyms:** BioVoxxel, BioVoxxel Toolbox (ImageJ/Fiji)

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

**Keywords:** microscopic image analysis, image filtering, image segmentation, binary processing, binary analysis, particle analysis

**Availability:** Free, Available for download

**Resource Name:** BioVoxxel Toolbox

**Resource ID:** SCR\_015825

**Alternate URLs:** [https://imagej.net/BioVoxxel\\_Toolbox](https://imagej.net/BioVoxxel_Toolbox),  
[https://github.com/biovoxxel/BioVoxxel\\_Toolbox](https://github.com/biovoxxel/BioVoxxel_Toolbox)

**License:** BSD-3 License

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260804T043608+0000

### Ratings and Alerts

No rating or validation information has been found for BioVoxxel Toolbox.

No alerts have been found for BioVoxxel Toolbox.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Parret L, et al. (2025) Establishing a co-culture aggregate of N-cycle bacteria to elucidate flocculation in biological wastewater treatment. *Applied microbiology and biotechnology*, 109(1), 149.

Jo H, et al. (2025) A fetal oncogene NUA2 is an emerging therapeutic target in glioblastoma. *bioRxiv : the preprint server for biology*.

Roozbahani GM, et al. (2024) Piggybacking functionalized DNA nanostructures into live cell nuclei. *bioRxiv : the preprint server for biology*.

Stansak KL, et al. (2024) PCP Auto Count: A Novel Fiji/ImageJ plug-in for automated quantification of planar cell polarity and cell counting. *bioRxiv : the preprint server for biology*.

Roozbahani GM, et al. (2024) Piggybacking functionalized DNA nanostructures into live-cell nuclei. *Science advances*, 10(27), eadn9423.

Hensel IV, et al. (2024) SLE serum induces altered goblet cell differentiation and leakiness in human intestinal organoids. *EMBO molecular medicine*, 16(3), 547.

Link F, et al. (2024) The actomyosin system is essential for the integrity of the endosomal system in bloodstream form *Trypanosoma brucei*. *eLife*, 13.

Stansak KL, et al. (2024) PCP auto count: a novel Fiji/ImageJ plug-in for automated quantification of planar cell polarity and cell counting. *Frontiers in cell and developmental biology*, 12, 1394031.

De Giorgio E, et al. (2023) A dynamic interplay between chitin synthase and the proteins Expansion/Rebuf reveals that chitin polymerisation and translocation are uncoupled in *Drosophila*. *PLoS biology*, 21(1), e3001978.

Nieto-Rostro M, et al. (2023) Nerve injury increases native Ca V 2.2 trafficking in dorsal root ganglion mechanoreceptors. *Pain*, 164(6), 1264.

G??ttle P, et al. (2023) Teriflunomide as a therapeutic means for myelin repair. *Journal of neuroinflammation*, 20(1), 7.

LaChance J, et al. (2022) Learning the rules of collective cell migration using deep attention networks. *PLoS computational biology*, 18(4), e1009293.

Truong DJ, et al. (2022) Intron-encoded cistronic transcripts for minimally invasive monitoring of coding and non-coding RNAs. *Nature cell biology*, 24(11), 1666.

Bakina O, et al. (2022) Microglia form satellites with different neuronal subtypes in the adult murine central nervous system. *Journal of neuroscience research*, 100(4), 1105.

Gould NL, et al. (2021) Somatostatin Interneurons of the Insula Mediate QR2-Dependent Novel Taste Memory Enhancement. *eNeuro*, 8(5).

Kim AA, et al. (2021) Wafer-Scale Patterning of Protein Templates for Hydrogel Fabrication. *Micromachines*, 12(11).

Manousi A, et al. (2021) Identification of novel myelin repair drugs by modulation of oligodendroglial differentiation competence. *EBioMedicine*, 65, 103276.

Iemura K, et al. (2021) Chromosome oscillation promotes Aurora A-dependent Hec1 phosphorylation and mitotic fidelity. *The Journal of cell biology*, 220(7).

Horder H, et al. (2021) Bioprinting and Differentiation of Adipose-Derived Stromal Cell Spheroids for a 3D Breast Cancer-Adipose Tissue Model. *Cells*, 10(4).

Hosseini S, et al. (2020) Type I Interferon Receptor Signaling in Astrocytes Regulates Hippocampal Synaptic Plasticity and Cognitive Function of the Healthy CNS. *Cell reports*, 31(7), 107666.