## **Resource Summary Report**

Generated by dkNET on May 17, 2025

# **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 application, software toolkit, data processing software, image analysis software, software resource

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

**Funding:** 

Availability: Free, Available for download

Resource Name: BioVoxxel Toolbox

Resource ID: SCR\_015825

Alternate URLs: https://imagej.net/BioVoxxel\_Toolbox,

https://github.com/biovoxxel/BioVoxxel\_Toolbox

License: BSD-3 License

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

**Record Last Update:** 20250517T060227+0000

## Ratings and Alerts

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

No alerts have been found for BioVoxxel Toolbox.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 27 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET.

Jo H, et al. (2025) A fetal oncogene NUAK2 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. Science advances, 10(27), eadn9423.

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. bioRxiv: the preprint server for biology.

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

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

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

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.

Göttle P, et al. (2023) Teriflunomide as a therapeutic means for myelin repair. Journal of

neuroinflammation, 20(1), 7.

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.

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

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.

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

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

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).

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

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

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.

Lechermeier CG, et al. (2020) Distribution of transcripts of the GFOD gene family members gfod1 and gfod2 in the zebrafish central nervous system. Gene expression patterns: GEP, 36, 119111.

Nikitaki Z, et al. (2020) In Situ Detection of Complex DNA Damage Using Microscopy: A Rough Road Ahead. Cancers, 12(11).