

# Resource Summary Report

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## Center for Bio-Image Informatics: bioView3D

RRID:SCR\_008005

Type: Tool

### Proper Citation

Center for Bio-Image Informatics: bioView3D (RRID:SCR\_008005)

### Resource Information

**URL:** <http://www.bioimage.ucsb.edu/BioView3D>

**Proper Citation:** Center for Bio-Image Informatics: bioView3D (RRID:SCR\_008005)

**Description:** bioView3D is an open source and cross-platform application intended for biologists to visualize 3D stack (laser scanning confocal, etc.) imagery. It runs on Windows, MacOS X and Linux. Features include: - Cross-platform with binaries for Windows, Mac, Linux - Reads many bio image and video formats - Reads meta-data from BioRad PIC, TIFF, Metamorph STK (uncompressed and LZW compressed), Fluoview TIFF, Carl Zeiss LSM 5, PSIA TIFF, Nanoscope II/III - Has two modes of rendering: textures and voxels - On-the-fly 3D visualization (mapping/enhancement) of multi-channel data - Export of fly-over video to several popular formats: QuickTime, WMV, AVI, Flash, MPEG1/2/4 - Visualization of graphical annotations: XML GObjects Sponsors: This work is supported in part by an NSF infrastructure award No. EIA-0080134 and IIS-0808772.

**Synonyms:** bioView3D

**Resource Type:** software resource, data visualization software, data processing software, software application

**Keywords:** 3d stack, bio image, biologist, laser scanning confocal, meta-data, nanoscope, open source license, video, visualization

**Resource Name:** Center for Bio-Image Informatics: bioView3D

**Resource ID:** SCR\_008005

**Alternate IDs:** nif-0000-10524

**Record Creation Time:** 20220129T080244+0000

**Record Last Update:** 20260803T040520+0000

### Ratings and Alerts

No rating or validation information has been found for Center for Bio-Image Informatics: bioView3D.

No alerts have been found for Center for Bio-Image Informatics: bioView3D.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ivanova E, et al. (2016) Disruption in dopaminergic innervation during photoreceptor degeneration. The Journal of comparative neurology, 524(6), 1208.