

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

Biolucida

RRID:SCR_018256

Type: Tool

Proper Citation

Biolucida (RRID:SCR_018256)

Resource Information

URL: <https://www.mbfbioscience.com/biolucida>

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Description: Enables visualization, storage and sharing of large image data. Cloud based system by MBF Bioscience to help with data from 2D and 3D slide scanners, confocal Z-stacks, lightsheet whole brain images. System for data storage and management, data analysis and visualization. Data is stored in secure and permanent way. Available also is free application named Biolucida Viewer, for viewing public images or images shared by collaborators owning Biolucida.

Synonyms: , Micro File Plus, MicroFile+, MicroFile

Resource Type: data analysis software, data management software, data processing software, data storage software, software application, software resource

Defining Citation: [DOI:10.1002/cne.23329](https://doi.org/10.1002/cne.23329)

Keywords: biolucida, big data, image, Microscopy, whole slide images, virtual images, cloud, visualization, data storage, data analysis

Availability: Restricted

Resource Name: Biolucida

Resource ID: SCR_018256

Alternate URLs: <http://wiley.biolucida.net/link/>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260905T132833+0000

Ratings and Alerts

No rating or validation information has been found for Biolucida.

No alerts have been found for Biolucida.

Data and Source Information

Source: [SciCrunch Registry](#)

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](#) .

Murphy EK, et al. (2025) Evaluating Parkinson's disease biomarkers in substantia nigra following sublethal γ -radiation exposure in a large animal model. NPJ Parkinson's disease, 11(1), 286.

Iacono D, et al. (2023) Low-dose brain radiation: lowering hyperphosphorylated-tau without increasing DNA damage or oncogenic activation. Scientific reports, 13(1), 21142.

Leung C, et al. (2021) 3D single cell scale anatomical map of sex-dependent variability of the rat intrinsic cardiac nervous system. iScience, 24(7), 102795.

Osanlouy M, et al. (2021) The SPARC DRC: Building a Resource for the Autonomic Nervous System Community. Frontiers in physiology, 12, 693735.

Iacono D, et al. (2020) Early-Onset Dementia in War Veterans: Brain Polypathology and Clinicopathologic Complexity. Journal of neuropathology and experimental neurology, 79(2), 144.

Achanta S, et al. (2020) A Comprehensive Integrated Anatomical and Molecular Atlas of Rat Intrinsic Cardiac Nervous System. iScience, 23(6), 101140.