Resource Summary Report

Generated by T1D on Sep 5, 2026

Stereo Investigator

RRID:SCR_024705
Type: Tool

Proper Citation

Stereo Investigator (RRID:SCR_024705)

Resource Information

URL: https://www.mbfbioscience.com/products/stereo-investigator

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Description: System provides means to make quantification of number, length, area, and volume of cells, subcellular and macro structures in tissue specimens. Used to make discoveries in numerous areas of neuroscience, including neurodegenerative diseases, addiction, autism, neuropathy, memory, and behavior, as well as other research fields including pulmonary and kidney research, and toxicology.

Synonyms: , MBF Bioscience Stereo Investigator, Stereo Investigator system

Resource Type: instrument resource

Keywords: quantification, number, length, area, volume, cells, subcellular and macro structures in tissue specimens,

Availability: Restricted

Resource Name: Stereo Investigator

Resource ID: SCR_024705

Alternate URLs: https://www.mbfbioscience.com/wp-content/uploads/2022/11/Stereo-Investigator-product-sheet.pdf

Record Creation Time: 20231115T050219+0000

Record Last Update: 20260903T235942+0000

Ratings and Alerts

No rating or validation information has been found for Stereo Investigator.

No alerts have been found for Stereo Investigator.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Rademacher K, et al. (2025) Chronic hyperactivation of midbrain dopamine neurons causes preferential dopamine neuron degeneration. eLife, 13.

Koiso R, et al. (2025) Emergence of the sex difference in calbindin D-28K neurons and the role of calbindin D-28K in clustering neurons of the preoptic area in mice. Cell and tissue research, 401(2), 117.

Zanetti L, et al. (2025) Protocol to count the number of noradrenergic neurons in mouse locus coeruleus by unbiased stereology. STAR protocols, 7(1), 104273.

Ferreira PA, et al. (2025) Early-life IL-4 administration induces long-term changes in microglia in the cerebellum and prefrontal cortex. Journal of neurochemistry, 169(1), e16266.

Hauzman E, et al. (2025) Exceptional Visual-Opsin Coexpression and Phenotypic Diversity in Outer-Retinal Photoreceptors of Caenophidian Snakes. The Journal of comparative neurology, 533(10), e70092.

Vivinetto AL, et al. (2025) Acute Extrinsic Activation of the RANKL Pathway Decreases Wound Healing and Functional Recovery After Spinal Cord Injury in Mice. Glia, 73(5), 969.

Liao SC, et al. (2025) CHCHD2 mutant mice link mitochondrial deficits to PD pathophysiology. Science advances, 11(46), eadu0726.

Krejcová LV, et al. (2024) Unraveling the Influence of Litter Size, Maternal Care, Exercise, and Aging on Neurobehavioral Plasticity and Dentate Gyrus Microglia Dynamics in Male Rats. Brain sciences, 14(5).

Laguna A, et al. (2024) Modelling human neuronal catecholaminergic pigmentation in rodents recapitulates age-related neurodegenerative deficits. Nature communications, 15(1), 8819.

Sheikh IS, et al. (2024) Compensatory adaptation of parallel motor pathways promotes skilled forelimb recovery after spinal cord injury. iScience, 27(12), 111371.

Rademacher K, et al. (2024) Chronic hyperactivation of midbrain dopamine neurons causes preferential dopamine neuron degeneration. bioRxiv : the preprint server for biology.

Shin JY, et al. (2024) Dual inhibition of aminoacyl-tRNA synthetase interacting multifunctional protein-2 and ?-synuclein by steroid derivative is neuroprotective in Parkinson's model. iScience, 27(11), 111165.

Liao SC, et al. (2024) CHCHD2 mutant mice display mitochondrial protein accumulation and disrupted energy metabolism. bioRxiv : the preprint server for biology.

Villar-Conde S, et al. (2023) Synaptic Involvement of the Human Amygdala in Parkinson's Disease. Molecular & cellular proteomics : MCP, 22(12), 100673.

Bjerke IE, et al. (2023) Scaling up cell-counting efforts in neuroscience through semi-automated methods. iScience, 26(9), 107562.