

Resource Summary Report

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MIMMS microscope 1.0 (2016)

RRID:SCR_016511

Type: Tool

Proper Citation

MIMMS microscope 1.0 (2016) (RRID:SCR_016511)

Resource Information

URL: <https://www.janelia.org/open-science/mimms-10-2016>

Proper Citation: MIMMS microscope 1.0 (2016) (RRID:SCR_016511)

Description: Modular platform for performing two-photon laser scanning microscopy (TPLSM) optimized for in vivo applications.

Abbreviations: MIMMS

Synonyms: Modular In vivo Multiphoton Microscopy System

Resource Type: instrument resource

Keywords: instrument, computer, controlled, microscope, two, photon, laser, scanning, imagining

Availability: Available for Free for non profit research in the Janelia research community

Resource Name: MIMMS microscope 1.0 (2016)

Resource ID: SCR_016511

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260808T190056+0000

Ratings and Alerts

No rating or validation information has been found for MIMMS microscope 1.0 (2016).

No alerts have been found for MIMMS microscope 1.0 (2016).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Christie KW, et al. (2026) A pair of interneurons that confer positive real-time valence to sweet sensation in *Drosophila*. *Current biology : CB*, 36(4), 846.

Brandalise F, et al. (2025) Thalamocortical feedback selectively controls pyramidal neuron excitability. *Nature communications*, 16(1), 5663.

Tang S, et al. (2024) Dynamic ensemble balance in direct- and indirect-pathway striatal projection neurons underlying decision-related action selection. *Cell reports*, 43(9), 114726.

Chéreau R, et al. (2020) Dynamic perceptual feature selectivity in primary somatosensory cortex upon reversal learning. *Nature communications*, 11(1), 3245.

Kerlin A, et al. (2019) Functional clustering of dendritic activity during decision-making. *eLife*, 8.

Lowe AR, et al. (2015) Importin- β modulates the permeability of the nuclear pore complex in a Ran-dependent manner. *eLife*, 4.

Lu S, et al. (2015) The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. *Oncotarget*, 6(33), 34704.