

# Resource Summary Report

Generated by [ASWG](#) on Aug 24, 2026

## MIMMS microscope 1.0 (2016)

RRID:SCR\_016511

Type: Tool

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### Proper Citation

MIMMS microscope 1.0 (2016) (RRID:SCR\_016511)

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### 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:** 20260815T182528+0000

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### 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).

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### Data and Source Information

## Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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- $\beta$  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.