Resource Summary Report

Generated by NIF on May 18, 2025

Movable Objective Microscope

RRID:SCR_018860
Type: Tool

Proper Citation

Movable Objective Microscope (RRID:SCR_018860)

Resource Information

URL: https://www.sutter.com/MICROSCOPES/mom.html

Proper Citation: Movable Objective Microscope (RRID:SCR_018860)

Description: Two photon microscope capable of imaging deep within living specimens when combined with Ti:Sapphire Laser. Provides 3D objective movement and rotation allowing specimen to remain stationary.

Abbreviations: MOM

Synonyms: Movable Objective Microscope (MOM), Sutter MOM

Resource Type: instrument resource

Keywords: Sutter Instruments, two photon microscope, imaging, living specimen, 3D objective movement, 3D objective rotation, stationary speciment, custom design, instrument, equipment, microscope

Funding:

Availability: Restricted.

Resource Name: Movable Objective Microscope

Resource ID: SCR_018860

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250420T014921+0000

Ratings and Alerts

No rating or validation information has been found for Movable Objective Microscope.

No alerts have been found for Movable Objective Microscope.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kogan JF, et al. (2024) Learning enhances representations of taste-guided decisions in the mouse gustatory insular cortex. Current biology : CB, 34(9), 1880.

Hartveit E, et al. (2022) Dendritic Morphology of an Inhibitory Retinal Interneuron Enables Simultaneous Local and Global Synaptic Integration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(9), 1630.

Ren C, et al. (2022) Global and subtype-specific modulation of cortical inhibitory neurons regulated by acetylcholine during motor learning. Neuron, 110(14), 2334.

Augustinaite S, et al. (2021) Intrinsic optical signal imaging and targeted injections through a chronic cranial window of a head-fixed mouse. STAR protocols, 2(3), 100779.