Resource Summary Report

Generated by NIF on Aug 28, 2026

MetaMorph Microscopy Automation and Image Analysis Software

RRID:SCR_002368
Type: Tool

Proper Citation

MetaMorph Microscopy Automation and Image Analysis Software (RRID:SCR_002368)

Resource Information

URL: http://www.moleculardevices.com/Products/Software/Meta-Imaging-Series/MetaMorph.html

Proper Citation: MetaMorph Microscopy Automation and Image Analysis Software (RRID:SCR_002368)

Description: Software tool for automated microscope acquisition, device control, and image analysis. Used for integrating dissimilar fluorescent microscope hardware and peripherals into a single custom workstation, while providing all the tools needed to perform analysis of acquired images. Offers user friendly application modules for analysis such as cell signaling, cell counting, and protein expression.

Abbreviations: MetaMorph

Synonyms: MetaMorph version 7.8.0.0, Molecular Devices Metamorph Premier Software, MetaMorph image analysis software, MetaMorph Microscopy Automation and Image Analysis Software

Resource Type: data acquisition software, data processing software, image acquisition software, image analysis software, software application, software resource

Defining Citation: PMID:18367250

Keywords: automated, microscope, acquisition, device, control, image, analysis, fluorescent, cell, signaling, counting, protein, expression, Molecular Devices

Availability: Commercially available

Resource Name: MetaMorph Microscopy Automation and Image Analysis Software

Resource ID: SCR_002368

Alternate IDs: SciRes_000136

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260821T193642+0000

Ratings and Alerts

No rating or validation information has been found for MetaMorph Microscopy Automation and Image Analysis Software.

No alerts have been found for MetaMorph Microscopy Automation and Image Analysis Software.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8382 mentions in open access literature.

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

Stanojcic S, et al. (2026) Stranded short nascent strand sequencing reveals the topology of DNA replication origins in Trypanosoma brucei. eLife, 14.

Maurais EG, et al. (2026) Genome instability triggers intercellular DNA transfer between human cells. Cell, 189(15), 4548.

Al Jawazneh A, et al. (2026) Bile acid retention in efferocytic macrophages shapes their inflammatory status during cholangitis. The Journal of experimental medicine, 223(7).

Daida T, et al. (2026) Glucose transporter 3 gene deficiency modifies Huntington's disease progression in zQ175 model mice. Experimental neurology, 400, 115700.

Bosveld F, et al. (2026) Tissue mechanics and systemic signaling safeguard epithelial tissue against spindle misorientation. Developmental cell, 61(4), 854.

Kim SJ, et al. (2026) Uncovering the role of c-Fos in the bidirectional relationship between depression/anxiety behaviors and ?-synuclein propagation in Parkinson's disease. Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics, 23(1), e00807.

Park JY, et al. (2026) Engineering and evaluation of precision-glycosylated clickable albumin nanoplatform for targeting the tumor microenvironment. Theranostics, 16(3), 1482.

Jung H, et al. (2026) Autism-associated ARHGEF9 variants impair GABAergic synapses and ultrasonic communication by reducing gephyrin phosphorylation. Molecular

psychiatry, 31(3), 1757.

Silkunas M, et al. (2026) Peculiarities of Phosphatidylserine Externalization by Nano- and Microsecond Electric Pulses. The Journal of membrane biology, 259(1).

Pagano S, et al. (2026) A New Single-Chain, Genetically Encoded Biosensor for RhoB GTPase Based on FRET, Useful for Live-Cell Imaging. Cells, 15(4).

Widom LP, et al. (2026) Bacterial extracellular vesicles indirectly destabilize a human stem cell-derived blood-brain barrier on-chip through pro-inflammatory stimulation of immune cells. Lab on a chip, 26(11), 3327.

Jayawardana IM, et al. (2026) Nuclear myosin VI cooperates with actin to promote transcriptional cluster formation at androgen receptors. The Journal of biological chemistry, 302(2), 111088.

Panda K, et al. (2026) HIV disrupts the lung molecular clock, leading to lung inflammation and features of emphysema. Communications biology, 9(1), 11.

Liu J, et al. (2026) Trade-off between branching and polarity controls decision-making during cell migration. Science advances, 12(1), eads2734.

Pellegrino L, et al. (2026) Reduction of bacterial colonization on buckling-induced wrinkled surfaces under fluid shear. Nature communications, 17(1), 1324.

Shepherd AP, et al. (2026) ERK builds a population of short-lived nascent adhesions that produce persistent edge protrusion and cell migration. Proceedings of the National Academy of Sciences of the United States of America, 123(25), e2525452123.

Arya SB, et al. (2026) cPLA2? targeting to exosomes connects nuclear deformation to LTB4-signaling during neutrophil chemotaxis. Science advances, 12(8), eaea2784.

Tachibana K, et al. (2026) Identification and intracellular functional characterization of myosin XI and VIII in the lycophyte Selaginella moellendorffii. Planta, 263(3), 66.

Testi C, et al. (2026) Stabilized real-time Brillouin microscopy reveals fractal organization of protein condensates in living cells. Nature communications, 17(1).

Yang WQ, et al. (2026) High-fold Homogeneous Expansion Microscopy Reveals Ultrastructural Centrioles. ACS nano, 20(21), 15716.