

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

National Center for Multiscale Modeling of Biological Systems

RRID:SCR_009005

Type: Tool

Proper Citation

National Center for Multiscale Modeling of Biological Systems (RRID:SCR_009005)

Resource Information

URL: <http://mmbios.org/>

Proper Citation: National Center for Multiscale Modeling of Biological Systems (RRID:SCR_009005)

Description: Biomedical technology research center that develops and makes available to the scientific community high performance computing algorithms, tools and software to leverage modeling efforts at disparate scales of structural biology, cellular microphysiology and large-scale bioimage processing and analysis, with the goal of advancing understanding of the molecular and cellular organization and functional mechanisms that underlie synaptic signaling and regulation.

Abbreviations: MMBioS

Synonyms: MMBioS - National Center for Multiscale Modeling of Biological Systems, National Center for Multiscale Modeling of Biological Systems (MMBioS)

Resource Type: biomedical technology research center, training resource

Keywords: systems biology technology center, computing algorithm, software, structural biology, cellular microphysiology, image processing, image analysis, molecule, cell, synaptic signaling, regulation, signaling

Funding: NIGMS

Resource Name: National Center for Multiscale Modeling of Biological Systems

Resource ID: SCR_009005

Alternate IDs: nlx_152681

Record Creation Time: 20220129T080250+0000

Ratings and Alerts

No rating or validation information has been found for National Center for Multiscale Modeling of Biological Systems.

No alerts have been found for National Center for Multiscale Modeling of Biological Systems.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sethi JK, et al. (2004) A burst of energy in metabolic disease research. Genome biology, 5(6), 327.