

Resource Summary Report

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OHSU Advanced Light Microscopy Core Facility

RRID:SCR_009961

Type: Tool

Proper Citation

OHSU Advanced Light Microscopy Core Facility (RRID:SCR_009961)

Resource Information

URL: <https://www.ohsu.edu/advanced-light-microscopy-core>

Proper Citation: OHSU Advanced Light Microscopy Core Facility (RRID:SCR_009961)

Description: Provides confocal image analysis and presentation training, microscope training, microscope access service, deconvolution training, super resolution imaging and training service. Offers research scientists access to high-end instrumentation for fluorescence microscopy. Offers support with image acquisition, processing, analysis and presentation.

Synonyms: OHSU Advanced Light Microscopy Core

Resource Type: core facility, service resource, access service resource

Keywords: confocal microscopy, light microscopy, super resolution microscopy, fluorescence microscopy, USEDit, ABRF

Resource Name: OHSU Advanced Light Microscopy Core Facility

Resource ID: SCR_009961

Alternate IDs: nlx_156431

Alternate URLs: <http://ohsu.eagle-i.net/i/0000012a-24fd-a1e4-d994-629180000000>

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260810T040531+0000

Ratings and Alerts

No rating or validation information has been found for OHSU Advanced Light Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Cohn GM, et al. (2026) MYC serine 62 phosphorylation promotes its association with DNA double-strand breaks to facilitate repair and cell survival under genotoxic stress. *Genes & development*, 40(13-14), 1152.

Kim SJ, et al. (2026) Opposing roles for SNAP23 and SNAP25 in mediating MR1 trafficking and antigen presentation. *bioRxiv : the preprint server for biology*.

Kim SJ, et al. (2026) Synaptotagmin 1 and Synaptotagmin 7 promote MR1-mediated presentation of Mycobacterium tuberculosis antigens. *eLife*, 14.

Pandita R, et al. (2026) Azacytidine restores T cell function in AML by modulating DNA methylation. *bioRxiv : the preprint server for biology*.

Sun C, et al. (2026) Molecular assemblies and pharmacology of cerebellar GABAA receptors. *Proceedings of the National Academy of Sciences of the United States of America*, 123(6), e2524504123.

Karimi A, et al. (2026) Segmental Mechanobiology of Normal and Glaucomatous Human Trabecular Meshwork Cells. *ACS measurement science au*, 6(2), 517.

Van Loh BM, et al. (2026) The Transcription Factors Six3 and Six6 in Neuromedin-S Neurons Differentially Affect Circadian Rhythms. *Journal of neuroscience research*, 104(4), e70123.

Helms HR, et al. (2026) A Single-Cell Bioprinting Method to Reconstruct Native Cellular Microenvironments with Subcellular Resolution. *Research square*.

Schlegel JW, et al. (2026) Non-Invasive, High-Resolution (¹H₂O) Metabolic Activity Diffusion Imaging [MADI] of Rat Glioma. *NMR in biomedicine*, 39(3), e70232.

Williams G, et al. (2026) Optic Nerve Head Spatial Transcriptomic Change in Nonhuman Primate Early Experimental Glaucoma. *Investigative ophthalmology & visual science*, 67(3), 22.

Devlin KL, et al. (2026) Chemoproteomic Elucidation of β -Lactam Drug Targets in Mycobacterium abscessus. *ACS infectious diseases*, 12(5), 1669.

Sattler AL, et al. (2026) Sympathetic nerve-fibroblast crosstalk drives nerve injury, fibroblast activation, and matrix remodeling in pancreatic cancer. *JCI insight*, 11(7).

Kulicke CA, et al. (2026) Mutations outside the MR1 antigen binding groove differentially inhibit presentation of exogenous antigens. *The Journal of biological chemistry*, 302(4), 111317.

Burwood GWS, et al. (2026) A Newly Identified Role of the Tectorial Membrane in Aminoglycoside Ototoxicity. *bioRxiv : the preprint server for biology*.

Dagunts A, et al. (2026) Lysosomal down-regulation of the mu opioid receptor is opposed by the Retromer complex. *Science advances*, 12(12), eadx8715.

Jenike A, et al. (2026) Changes in Melanopsin expression in the iris after corneal abrasion in an experimental rat model. *Experimental eye research*, 270, 111108.

Bonic K, et al. (2026) Lipid Tail Length Determines Nano-Bio Interactions of Peptide Amphiphile Nanostructures. *Small (Weinheim an der Bergstrasse, Germany)*, 22(31), e12073.

Vignolo SM, et al. (2026) Engineering bioinspired, high-density collagen microgels with tunable intrafibrillar mineralization for accelerated osteogenesis in vitro and bone regeneration in vivo. *Acta biomaterialia*.

Carlson HL, et al. (2026) MYST acetyltransferases are a targetable therapeutic vulnerability in SETBP1-mutant leukemia. *bioRxiv : the preprint server for biology*.

Karimi A, et al. (2026) Differential Cytoskeletal Control of Cell-Collagen Mechanics in High- and Low-Flow Glaucomatous Trabecular Meshwork Cells. *ACS applied materials & interfaces*.