

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: access service resource, service resource, core facility

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: 20260729T044231+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 36 mentions in open access literature.

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

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

Milman NEP, et al. (2026) Experience-dependent maturation of somatosensory parvalbumin interneurons during social development in prairie voles. Cerebral cortex (New York, N.Y. : 1991), 36(1).

Eckenstein K, et al. (2025) Mitochondrial Translation Inhibition Uncovers a Critical Metabolic-Epigenetic Interface in Renal Cell Carcinoma. Metabolites, 15(6).

Karamooz E, et al. (2025) Two-pore channels in MR1-dependent presentation of Mycobacterium tuberculosis infection. PLoS pathogens, 21(8), e1013342.

Arnold MR, et al. (2025) Alpha-synuclein knockout impairs melanoma development and alters DNA damage repair in the TG3 mouse model in a sex-dependent manner. Frontiers in oncology, 15, 1554059.

Piller M, et al. (2025) P/Q-type voltage-gated calcium channels regulate calcium signaling and developmental myelination in oligodendrocyte lineage cells. bioRxiv : the preprint server for biology.

Muñoz JM, et al. (2025) Morphological and functional decline of the SNc in a model of progressive parkinsonism. NPJ Parkinson's disease, 11(1), 24.

Orlin DJ, et al. (2025) Targeting Tmem63b and Piezo2 in C-fiber low threshold mechanoreceptor: limitation of Vglut3-IRES-Cre. bioRxiv : the preprint server for biology.

Helms HR, et al. (2025) Protocol for single-cell spatial transcriptomic profiling of cultured cells and engineered tissues without embedding or sectioning. STAR protocols, 6(3), 104074.

Eckenstein K, et al. (2025) Mitochondrial Translation Inhibition Uncovers a Critical Metabolic-Epigenetic Interface in Renal Cell Carcinoma. bioRxiv : the preprint server for biology.

Constant DA, et al. (2025) Plasmacytoid dendritic cells in the intestine preferentially produce interferon lambda at homeostasis contributing to tonic localized innate immune responses. bioRxiv : the preprint server for biology.

Soto-Faguás CM, et al. (2025) The Christchurch point mutation in mouse APOE reduces A β -induced tau and α -synuclein pathologies. *bioRxiv : the preprint server for biology*.

Adoff H, et al. (2025) DNAJC13 localization to endosomes is opposed by its J domain and its disordered C-terminus. *Molecular biology of the cell*, 36(9), ar114.

Cohn GM, et al. (2025) MYC Serine 62 phosphorylation promotes its binding to DNA double strand breaks to facilitate repair and cell survival under genotoxic stress. *bioRxiv : the preprint server for biology*.

Stackhouse TL, et al. (2025) Mild subcortical stroke induces widespread astrogliosis independent of microglia and age. *bioRxiv : the preprint server for biology*.

Villalobos-Cantor S, et al. (2025) Genetic basis of maneb-induced dopaminergic neurodegeneration in *Drosophila*. *G3 (Bethesda, Md.)*, 15(9).

Woodruff BM, et al. (2025) Axon targeting of transcriptionally distinct pioneer neurons is regulated by retinoic acid signaling. *Nature communications*, 16(1), 5747.

Miramontes TG, et al. (2025) Activation of cannabinoid receptor CB1 leads to aberrant myelination in development. *bioRxiv : the preprint server for biology*.

Arnold MR, et al. (2025) Alpha-synuclein regulates nucleolar DNA double-strand break repair in melanoma. *Science advances*, 11(15), eadq2519.

Kim SJ, et al. (2025) Synaptotagmin 1 and Synaptotagmin 7 promote MR1-mediated presentation of *Mycobacterium tuberculosis* antigens. *bioRxiv : the preprint server for biology*.