

# 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:** service resource, access 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:** 20260804T043441+0000

### Ratings and Alerts

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

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 36 mentions in open access literature.

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

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.

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

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.

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.

Soto-Faguás CM, et al. (2025) The Christchurch point mutation in mouse APOE reduces A $\beta$ -induced tau and  $\alpha$ -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.