

Resource Summary Report

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University of Kentucky Light Microscopy Core Facility

RRID:SCR_026405

Type: Tool

Proper Citation

University of Kentucky Light Microscopy Core Facility (RRID:SCR_026405)

Resource Information

URL: <https://www.research.uky.edu/light-microscopy-core>

Proper Citation: University of Kentucky Light Microscopy Core Facility (RRID:SCR_026405)

Description: Core facility offers fluorescence, confocal, super resolution, multi-photon, laser capture and atomic force microscopy. Provides central preparatory laboratory and high-end computer workstations for data analysis and image processing. Technical support ranges from investigator training on instrumentation, allowing independent use, to complete processing of samples and final imaging by facility staff. The facility is GRP accredited, undergoes annual compliance checks and provides extensive standard operating procedures for all instrumentation.

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

Keywords: fluorescence, confocal, super resolution, multi-photon, laser capture, atomic force, microscopy, data analysis, image processing,

Resource Name: University of Kentucky Light Microscopy Core Facility

Resource ID: SCR_026405

Alternate IDs: ABRF_3057

Alternate URLs: <https://coremarketplace.org/?FacilityID=3057&citation=1>

Record Creation Time: 20250211T060340+0000

Record Last Update: 20260829T183428+0000

Ratings and Alerts

No rating or validation information has been found for University of Kentucky Light Microscopy Core Facility.

No alerts have been found for University of Kentucky Light Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Carl KJ, et al. (2026) Biomolecular condensation of cMLCK enables myosin motor phosphorylation in the heart. bioRxiv : the preprint server for biology.

McAtee AM, et al. (2026) Age-associated B cells (ABCs) develop from a CNS-localized progenitor pool into a pro-inflammatory phenotype after stroke. bioRxiv : the preprint server for biology.

Squarci C, et al. (2026) Spatial control of myosin regulatory light chain phosphorylation modulates cardiac thick filament mechanosensing. Proceedings of the National Academy of Sciences of the United States of America, 123(6), e2520471123.

Franklin MK, et al. (2026) Angiotensin II Induces Abdominal Aortic Branch Aneurysms in Fibrillin-1 C1041G/+ Mice-Brief Report. Arteriosclerosis, thrombosis, and vascular biology, 46(7), e324124.

Capes DE, et al. (2026) Depleting non-resolving neuroinflammation in chronic spinal cord injury attenuates thermal hypersensitivity. Experimental neurology, 400, 115690.

Patel SP, et al. (2026) Proteomics reveal PTEN as a critical mediator of sustained mitochondrial dysfunction during chronic spinal cord injury. Experimental neurology, 404, 115880.

Jolly JT, et al. (2025) Phosphatase activity is dispensable for PRL-3-mediated oncogenesis and tumor progression. bioRxiv : the preprint server for biology.

Franklin MK, et al. (2025) Angiotensin II Induces Abdominal Aortic Branch Aneurysms in Fibrillin-1 C1041G/+ Mice. bioRxiv : the preprint server for biology.