

Resource Summary Report

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University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility

RRID:SCR_021801

Type: Tool

Proper Citation

University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility (RRID:SCR_021801)

Resource Information

URL: <https://mai.ku.edu/>

Proper Citation: University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility (RRID:SCR_021801)

Description: Core laboratory in Room 1043 in Haworth Hall at the University of Kansas Lawrence campus. Provides life and physical sciences and engineering users with wide spectrum of sample preparation tools and techniques and imaging technologies. Provides training for undergraduate, graduate students, postdoctoral researchers, faculty, staff, and industry collaborators.

Abbreviations: MAI, MAISR

Synonyms: Microscopy and Analytical Imaging Research Resource Core Laboratory (MAI), Microscopy and Analytical Imaging Shared Resource

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

Keywords: USEDit, ABRF, sample preparation, imaging technologies, imaging

Availability: open

Resource Name: University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility

Resource ID: SCR_021801

Alternate IDs: ABRF_1205

Alternate URLs: <https://coremarketplace.org/?FacilityID=1205>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260829T183325+0000

Ratings and Alerts

No rating or validation information has been found for University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility.

No alerts have been found for University of Kansas Microscopy and Analytical Imaging Research Resource Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Nagarajan V, et al. (2026) A C. elegans model of familial Alzheimer's disease shows age-dependent synaptic degeneration independent of amyloid β -peptide. Neurobiology of disease, 219, 107267.

Kerr CM, et al. (2025) IFN- γ signaling is required for the efficient replication of murine hepatitis virus (MHV) strain JHM in the brains of infected mice. PloS one, 20(6), e0317482.

Kerr CM, et al. (2025) IFN- γ signaling is required for the efficient replication of murine hepatitis virus (MHV) strain JHM in the brains of infected mice. bioRxiv : the preprint server for biology.

Ly T, et al. (2025) TRIM16 mediates secretory autophagy in head and neck cancer-associated fibroblasts. Autophagy, 1.

Nagarajan V, et al. (2025) A C. elegans model of familial Alzheimer's disease shows age-dependent synaptic degeneration independent of amyloid β -peptide. bioRxiv : the preprint server for biology.

Arteaga-Blanco LA, et al. (2024) Plasma-Derived Extracellular Vesicles and Non-Extracellular Vesicle Components from APCMin/+ Mice Promote Pro-Tumorigenic Activities and Activate Human Colonic Fibroblasts via the NF- κ B Signaling Pathway. Cells, 13(14).

Devkota S, et al. (2024) Familial Alzheimer mutations stabilize synaptotoxic β -secretase-substrate complexes. Cell reports, 43(2), 113761.

Cloyd AK, et al. (2023) Engineered Peptides Enable Biomimetic Route for Collagen Intrafibrillar Mineralization. *International journal of molecular sciences*, 24(7).

Kerr CM, et al. (2023) PARP12 is required to repress the replication of a Mac1 mutant coronavirus in a cell and tissue specific manner. *bioRxiv : the preprint server for biology*.

Kerr CM, et al. (2023) PARP12 is required to repress the replication of a Mac1 mutant coronavirus in a cell- and tissue-specific manner. *Journal of virology*, 97(9), e0088523.