

Resource Summary Report

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University of Michigan ULAM Pathology Core Facility

RRID:SCR_018823

Type: Tool

Proper Citation

University of Michigan ULAM Pathology Core Facility (RRID:SCR_018823)

Resource Information

URL: <https://animalcare.umich.edu/business-services/ulam-pathology-core/>

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Description: Our core is affiliated with the Unit for Laboratory Animal Medicine (ULAM) at the University of Michigan-Ann Arbor. We provide animal pathology services in support of non-GLP preclinical, translational, or basic science studies. Services include histology preparation, immunohistochemistry, animal hematology and serum chemistry assays, digital slide scanning/image analysis, and pathology interpretation by board-certified veterinary pathologists. Our core mission is to reduce bias and increase rigor within non-GLP animal research by providing high quality, documented, pathology support that may not be otherwise accessible within individual laboratories. Our laboratory maintains internal SOPs, documented quality control practices, and accountability/chain-of-custody records for all submissions. Additionally, we participate in an external quality control program through the Veterinary Laboratory Association.

Abbreviations: ULAM Pathology Core

Synonyms: ULAM In Vivo Animal Core (IVAC), In Vivo Animal Core (IVAC), University of Michigan In Vivo Animal Core Facility, ULAM Pathology Core

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

Keywords: USEDit, pathology research support, preclinical animal study, basic science animal study, histology, immunochemistry, animal hematology, clinical chemistry, slide scanning, image analysis, ABRF

Availability: Open

Resource Name: University of Michigan ULAM Pathology Core Facility

Resource ID: SCR_018823

Alternate IDs: ABRF_781

Alternate URLs: <https://coremarketplace.org/?FacilityID=781>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260905T133417+0000

Ratings and Alerts

No rating or validation information has been found for University of Michigan ULAM Pathology Core Facility.

No alerts have been found for University of Michigan ULAM Pathology Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Newman KL, et al. (2026) Miniature bioreactor arrays for modeling functional and structural dysbiosis in inflammatory bowel disease. Gut microbes, 18(1), 2604875.

Paudel S, et al. (2026) Cytolethal Distending Toxin Enhances Escherichia coli Urinary Tract Infection. bioRxiv : the preprint server for biology.

Kumar A, et al. (2026) High-fat diet rewires gut host-microbiota relationship to derive worse outcomes following Clostridioides difficile infection. bioRxiv : the preprint server for biology.

Lasse Opsahl EL, et al. (2026) Fibroblast STAT3 Activation Drives Organ-Specific Premetastatic Niche Formation. Cancer research, 86(1), 22.

Alexander WD, et al. (2026) Optimal coronary flow rates for preservation of function during normothermic ex situ heart perfusion. The Journal of thoracic and cardiovascular surgery.

Kauffman R, et al. (2026) Nitric oxide-releasing balloon inflation fluid for Foley catheters to prevent catheter-associated urinary tract infections. Microbiology spectrum, e0081826.

Sangotra A, et al. (2025) PROTACs therapeutically target the polyglutamine androgen receptor in spinal and bulbar muscular atrophy models. Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics, e00732.

Haraguchi M, et al. (2025) Transmission of maternal oral pathobionts to the infant gut predisposes offspring to exacerbated enteritis. *Cell reports*, 44(7), 115974.

Heist KA, et al. (2025) Murine Functional Lung Imaging Using X-Ray Velocimetry for Longitudinal Noninvasive Quantitative Spatial Assessment of Pulmonary Airflow. *Tomography (Ann Arbor, Mich.)*, 11(10).

Boulanger MD, et al. (2025) Refining animal care through technology: Addressing alopecia in *Jaculus jaculus* with validated computer vision analysis. *PloS one*, 20(11), e0330143.

Wang Z, et al. (2025) Perivascular adipose tissue dysfunction contributes to thoracic aortic aneurysm development. *Cardiovascular diabetology*, 24(1), 223.

Liu X, et al. (2025) Occludin acts as a dynein adaptor regulating permeability and collateral angiogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, 122(51), e2516076122.

Maresca-Fichter H, et al. (2025) Abdominal Distension in an Aged Female Mouse (*Mus musculus*). *Journal of the American Association for Laboratory Animal Science : JAALAS*, 64(6), 1.

Wilson HM, et al. (2025) Notch signaling in osteoblast progenitor cells is required for BMP-induced bone formation. *Bone*, 194, 117425.

Myers G, et al. (2025) A genome-wide screen identifies genes required for erythroid differentiation. *Nature communications*, 16(1), 3488.

Harlow OS, et al. (2025) The mysterious case of missing lymphocytes: a cautionary tale of interinstitutional variability in outcomes of lung dissociation protocols. *American journal of physiology. Lung cellular and molecular physiology*, 328(2), L260.

Collins DE, et al. (2025) Pulmonary Thromboembolism Due to Intravenous Fibrocyte Administration in C57BL/6J Mice (*Mus musculus*) and Recommendations for Refinement. *Journal of the American Association for Laboratory Animal Science : JAALAS*, 64(5), 1.

Lin H, et al. (2024) Itaconate transporter SLC13A3 impairs tumor immunity via endowing ferroptosis resistance. *Cancer cell*, 42(12), 2032.