Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC)

RRID:SCR_022420
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC) (RRID:SCR_022420)

Resource Information

URL: https://www.med.upenn.edu/CMSDLD/the-molecular-pathology-and-imaging-core-mpic.html

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Description: Provides histological services, equipment, and technical expertise for processing and analyses of digestive, pancreatic, and liver tissues as well as three dimensional tissue culture models.?Part of the Center for Molecular Studies in Digestive and Liver Diseases

Abbreviations: MPIC

Synonyms: University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC), Molecular Pathology and Imaging Core (MPIC)

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

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC)

Resource ID: SCR_022420

Alternate IDs: ARBF_1426

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1426

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260808T190658+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC).

No alerts have been found for University of Pennsylvania Perelman School of Medicine Molecular Pathology and Imaging Core (MPIC).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Li D, et al. (2026) Cholesterol-containing lipid crystals can directly stiffen the rat steatotic liver before fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 123(2), e2518060123.

Teranishi R, et al. (2026) Prostaglandin E2 Reverses Myofibroblast Differentiation in Eosinophilic Esophagitis. bioRxiv : the preprint server for biology.

Zeng J, et al. (2026) Rapid receptor internalization potentiates CD7-targeted lipid nanoparticles for efficient mRNA delivery to T cells and in vivo CAR T-cell engineering. bioRxiv : the preprint server for biology.

Liu Y, et al. (2026) Therapeutic scheduling of WEE1 inhibition preserves T cell function and promotes immune control of HPV+ tumors. bioRxiv : the preprint server for biology.

Bernard-Raichon L, et al. (2026) Type I and III interferons synergize with TNF to promote virally-triggered damage to the intestinal epithelium. bioRxiv : the preprint server for biology.

Gautam R, et al. (2026) Proton pump inhibitors modulate esophageal epithelial barrier function and crosstalk with eosinophils. Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology, 37(3), e70315.

Ma X, et al. (2026) TNFSF13 insufficiency disrupts human colonic epithelial cell growth and associated B cell dynamics. The Journal of clinical investigation, 136(7).

Rajamoorthi A, et al. (2026) Perinatal Semaglutide Treatment Improves Maternal Health and Mitigates Offspring Metabolic Dysfunction in a Mouse Model of Maternal Obesity. bioRxiv : the preprint server for biology.

Yang H, et al. (2026) MAIT cell enrichment in Lynch syndrome is associated with immune surveillance and colorectal cancer risk. Gut.

Maurer J, et al. (2026) Spatial Transcriptomics Recontextualizes the Cellular Environment of Conjunctival Melanoma. medRxiv : the preprint server for health sciences.

Varlow C, et al. (2026) Autoradiography and preclinical PET studies with radiolabeled asyn-44 and ACI-12589 for imaging ?-synuclein. Journal of Parkinson's disease, 16(4), 683.

Mears KS, et al. (2025) Therapeutic activation of IL-22-producing innate lymphoid cells enhances host defenses to Clostridioides difficile infection. Cell reports, 44(4), 115438.

Denny JE, et al. (2025) Standard mouse diets lead to differences in severity in infectious and non-infectious colitis. mBio, 16(4), e0330224.

Yang H, et al. (2025) MAIT cell enrichment in Lynch syndrome is associated with immune surveillance and colorectal cancer risk. bioRxiv : the preprint server for biology.

Weissenrieder JS, et al. (2025) Mitochondrial Ca2+ controls pancreatic cancer growth and metastasis by regulating epithelial cell plasticity. Cell reports, 44(5), 115627.

Lal M, et al. (2025) Interferon-? Signaling in Eosinophilic Esophagitis Affects Epithelial Barrier Function and Programmed Cell Death. Cellular and molecular gastroenterology and hepatology, 19(5), 101466.

Hsieh CJ, et al. (2025) Pilot Study of [11C]HY-2-15: A Mixed Alpha-Synuclein and Tau PET Radiotracer. Cells, 14(15).

Dubensky SB, et al. (2025) Multimodal analysis defines GNG4 as a distinguishing feature of germinal center-positioned CD4 T follicular helper cells in humans. bioRxiv : the preprint server for biology.

Yang H, et al. (2025) MAIT cell enrichment in Lynch syndrome is associated with immune surveillance and colorectal cancer risk. Research square.

Dooling LJ, et al. (2025) Clustered macrophages cooperate to eliminate tumors via coordinated intrudopodia. Proceedings of the National Academy of Sciences of the United States of America, 122(27), e2425452122.