

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>

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

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, service resource, access 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: 20260731T043124+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 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

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.

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.

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

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.

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.

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.

Stehouwer JS, et al. (2025) Structure-Activity Relationships and Evaluation of 2-(Heteroaryl-cycloalkyl)-1H-indoles as Tauopathy Positron Emission Tomography Radiotracers. *Journal of medicinal chemistry*, 68(6), 6462.

Noji MC, et al. (2025) Opposing effects of systemic and pancreas-specific inhibition of BCKDK on pancreatic carcinogenesis. *bioRxiv : the preprint server for biology*.

Hu MY, et al. (2025) Human-length Telomeres Limit Regeneration of Liver Epithelial Cells in Mice. *Cellular and molecular gastroenterology and hepatology*, 101655.

Karakasheva TA, et al. (2025) An Epigenetic Basis for Sustained Inflammatory Epithelial Progenitor Cell States in Crohn's Disease. *Cellular and molecular gastroenterology and hepatology*, 20(3), 101665.

Berger JH, et al. (2025) Whole body MondoA deletion protects against diet-induced obesity through uncontrolled multi-organ substrate utilization and futile cycling. *bioRxiv : the preprint server for biology*.

Orlen M, et al. (2025) T-cell Dependency of Tumor Regressions and Complete Responses with RAS(ON) Multi-selective Inhibition in Preclinical Models of Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1697.

Xie Y, et al. (2025) Spatial transcriptomics reveals distinct cell type dynamics following opioid dependence in mice with the common human variant in the μ -opioid receptor, Oprm1 A118G. *Research square*.

Poddar S, et al. (2025) ArfGAP2 promotes STING proton channel activity, cytokine transit, and autoinflammation. *Cell*, 188(6), 1605.

Cesaro A, et al. (2025) Design of multimodal antibiotics using deep learning. *bioRxiv : the preprint server for biology*.

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

Jean EE, et al. (2025) Myeloid-derived IL-33 drives $\gamma\delta$ T cell-dependent resistance against cutaneous infection by *Strongyloides ratti*. *Journal of immunology (Baltimore, Md. : 1950)*, 214(3), 502.

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