

Resource Summary Report

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University of Pennsylvania Penn Vet Comparative Pathology Core Facility

RRID:SCR_022438

Type: Tool

Proper Citation

University of Pennsylvania Penn Vet Comparative Pathology Core Facility
(RRID:SCR_022438)

Resource Information

URL: <https://www.vet.upenn.edu/research/core-resources-facilities/comparative-pathology-core>

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Description: Provides support to investigators utilizing animal models to study disease. Comparative Pathology Core, Abramson Cancer Center shared resource, provides expert pathological characterization and validation of mouse and other animal models used in biomedical research by offering expertise of board certified veterinary pathologists and access to histology, immunohistochemistry, and digital pathology services.

Abbreviations: CPC

Synonyms: University of Pennsylvania Penn Vet Comparative Pathology Core, Penn Vet Comparative Pathology Core

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

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Penn Vet Comparative Pathology Core Facility

Resource ID: SCR_022438

Alternate IDs: ARBF_1382

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1382>

Record Creation Time: 20220602T050140+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Penn Vet Comparative Pathology Core Facility.

No alerts have been found for University of Pennsylvania Penn Vet Comparative Pathology Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Castelli S, et al. (2026) IL-9 signaling redirects CAR T cell fate toward CD8+ memory and CD4+ cycling states, enhancing antitumor efficacy. *Immunity*, 59(1), 195.

Aznar MA, et al. (2025) Clinical and molecular dissection of CAR T cell resistance in pancreatic cancer. *Cell reports. Medicine*, 6(9), 102301.

Bardales KL, et al. (2025) Intertumoral heterogeneity of the immune microenvironment in high grade canine mast cell tumors. *Veterinary oncology (London, England)*, 2(1), 7.

Yang X, et al. (2025) Neonatal diabetes-associated missense PDX1 variant disrupts chromatin association and protein-protein interaction. *JCI insight*, 10(11).

Ma S, et al. (2025) Congestion Enriches Intra-hepatic Macrophages Through Reverse Zonation of CXCL9 in Liver Sinusoidal Endothelial Cells. *Cellular and molecular gastroenterology and hepatology*, 19(7), 101475.

Melamed JR, et al. (2025) Anionic lipids modulate mRNA-lipid nanoparticle immunogenicity and confer protection in a mouse model of multiple sclerosis. *bioRxiv : the preprint server for biology*.

Giudice AM, et al. (2025) D3-GPC2-Directed CAR T Cells Are Safe and Efficacious in Preclinical Models of Neuroblastoma and Small Cell Lung Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(24), 5276.

Lombroso SI, et al. (2025) Microglia replacement by peripheral delivery of CSF1R inhibitor-resistant hematopoietic cells. *Molecular therapy : the journal of the American Society of Gene Therapy*.

Finck AV, et al. (2025) Dual-targeted ping-pong CAR T cells: Leveraging peripheral expansion to improve solid tumor immunotherapy. *Proceedings of the National Academy of Sciences of the United States of America*, 122(51), e2518996122.

Stewart DC, et al. (2024) Prognostic and therapeutic implications of tumor-restrictive type III collagen in the breast cancer microenvironment. *NPJ breast cancer*, 10(1), 86.

Pardy RD, et al. (2024) Analysis of intestinal epithelial cell responses to *Cryptosporidium* highlights the temporal effects of IFN- γ on parasite restriction. *PLoS pathogens*, 20(5), e1011820.

Amit U, et al. (2024) Proton radiation boosts the efficacy of mesothelin-targeting chimeric antigen receptor T cell therapy in pancreatic cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 121(31), e2403002121.

Chakravarty D, et al. (2024) γ -actin function in platelets and red blood cells can be performed by β -actin and is therefore independent of actin isoform protein sequence. *Molecular biology of the cell*, mbcE24040186.

Xiao Z, et al. (2023) Desmoplastic stroma restricts T cell extravasation and mediates immune exclusion and immunosuppression in solid tumors. *Nature communications*, 14(1), 5110.

Xiao Z, et al. (2023) Desmoplastic stroma restricts T cell extravasation and mediates immune exclusion and immunosuppression in solid tumors. *bioRxiv : the preprint server for biology*.

Pardy RD, et al. (2023) Analysis of intestinal epithelial cell responses to *Cryptosporidium* highlights the temporal effects of IFN- γ on parasite restriction. *bioRxiv : the preprint server for biology*.

Campanelli G, et al. (2023) Molecular Efficacy of Gnetin C as Dual-Targeted Therapy for Castrate-Resistant Prostate Cancer. *Molecular nutrition & food research*, 67(24), e2300479.