Resource Summary Report

Generated by Kravitz on Sep 10, 2026

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: access service resource, core facility, 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

Record Last Update: 20260905T133426+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 25 mentions in open access literature.

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

Barekat K, et al. (2026) Concomitant COX-1 and COX-2 suppression is not sufficient to induce enteropathy associated with chronic NSAID use. The Journal of clinical investigation, 136(6).

Pol M, et al. (2026) Fostering cell-cell interactions and integrating angiocrine factors to promote the development of salivary microtissues in 3D. Bioengineering & translational medicine, 11(3), e70118.

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.

Massie AM, et al. (2026) Near-Infrared Imaging Using a Cathepsin-Targeted, Quenched Activity-Based Probe Identifies Naturally Occurring Canine Appendicular Osteosarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(5), 916.

Freeburg NF, et al. (2026) The critical role of the endogenous immune compartment after CAR T cell therapy in recurrent GBM. Cell.

Sreekumar A, et al. (2026) Residual Breast Cancer Cells Co-opt SOX5-Driven Endochondral Ossification to Maintain Dormancy. Cancer discovery, 16(4), 781.

Nakhale M, et al. (2026) Development of Dirofilaria immitis adult worms in NSG mice, detection of parasite-derived microRNA and comparative analysis of laboratory isolates. Scientific reports, 16(1), 6764.

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).

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.

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.

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.

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.

Verginadis II, et al. (2025) FLASH proton reirradiation, with or without hypofractionation, reduces chronic toxicity in the normal murine intestine, skin, and bone. Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology, 205, 110744.

Liaw K, et al. (2025) DNA co-delivery of seasonal H1 influenza hemagglutinin nanoparticle vaccines with chemokine adjuvant CTACK induces potent immunogenicity for heterologous protection in vivo. Vaccine, 59, 127231.

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.

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

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.

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.