

Resource Summary Report

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University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource Core Facility

RRID:SCR_021980

Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource Core Facility (RRID:SCR_021980)

Resource Information

URL: <https://medschool.cuanschutz.edu/colorado-cancer-center/research/shared-resources/animal-imaging>

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Description: Enables noninvasive imaging of animal models of human disease. Provides access and training on state-of-the-art animal scanners (MRI, CT, optical, PET/SPECT) for live imaging on rodents, performs all animal handling and assist with image analysis to establish imaging biomarkers.

Abbreviations: AISR

Synonyms: University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource, Animal Imaging Shared Resource

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

Keywords: noninvasive imaging, animal models, human disease, ABRF, USEDit

Availability: open

Resource Name: University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource Core Facility

Resource ID: SCR_021980

Alternate IDs: ABRF_1304

Alternate URLs: <https://coremarketplace.org/?FacilityID=1304>

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260821T194210+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource Core Facility.

No alerts have been found for University of Colorado Anschutz Medical Campus Cancer Center Animal Imaging Shared Resource Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Christenson JL, et al. (2026) Metastasis-Associated Wound Repair Promotes Reciprocal Lung Epithelium Activation and Breast Cancer Metastatic Outgrowth. Cancer research communications, 6(4), 750.

Sottnik JL, et al. (2026) Advanced models of lobular breast cancer metastasis capture clinical organ tropism, endocrine response, and bone remodeling. bioRxiv : the preprint server for biology.

McGinn EA, et al. (2026) Early dysanapsis in experimental bronchopulmonary dysplasia: implications for lifelong lung disease. American journal of physiology. Lung cellular and molecular physiology, 331(2), L165.

Alvarez-Eraso KLF, et al. (2026) Estradiol Reprograms Microglia to Create an Immune-Suppressed Niche Permissive to Breast Cancer Brain Metastasis. bioRxiv : the preprint server for biology.

Rankin AW, et al. (2025) Increased NFAT activity with dual CAR stimulation in CD19xCD22 CAR T-cells is associated with decreased exhaustion and improved survival. Journal for immunotherapy of cancer, 13(11).

Korgan AC, et al. (2025) Merkel cell stimulation in fear and sensory signaling. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 50(9), 1395.

Tomita Y, et al. (2025) Effects of combination therapy of a CDK4/6 and MEK inhibitor in diffuse midline glioma preclinical models. PloS one, 20(12), e0323235.

Haque PS, et al. (2025) Obese Adipose Tissue Extracellular Vesicles Activate Mitochondrial Fatty Acid β -oxidation to Drive Colonic Stemness. *Cellular and molecular gastroenterology and hepatology*, 19(7), 101504.

Pham-Danis C, et al. (2025) Restoration of LAT activity improves CAR T cell sensitivity and persistence in response to antigen-low acute lymphoblastic leukemia. *Cancer cell*, 43(3), 482.

Martinez PJ, et al. (2024) Effect of Microbubble Size, Composition and Multiple Sonication Points on Sterile Inflammatory Response in Focused Ultrasound-Mediated Blood-Brain Barrier Opening. *bioRxiv : the preprint server for biology*.

Lake JA, et al. (2024) Directing B7-H3 chimeric antigen receptor T cell homing through IL-8 induces potent antitumor activity against pediatric sarcoma. *Journal for immunotherapy of cancer*, 12(7).

Crump LS, et al. (2024) Targeting Tryptophan Catabolism in Ovarian Cancer to Attenuate Macrophage Infiltration and PD-L1 Expression. *Cancer research communications*, 4(3), 822.

McGinn EA, et al. (2024) Antenatal Endotoxin Induces Dysanapsis in Experimental Bronchopulmonary Dysplasia. *American journal of respiratory cell and molecular biology*, 70(4), 283.

Nguyen LL, et al. (2024) EHMT1/2 Inhibition Promotes Regression of Therapy-Resistant Ovarian Cancer Tumors in a CD8 T-cell-Dependent Manner. *Molecular cancer research : MCR*, 22(12), 1117.

Martinez PJ, et al. (2024) Effect of Microbubble Size, Composition, and Multiple Sonication Points on Sterile Inflammatory Response in Focused Ultrasound-Mediated Blood-Brain Barrier Opening. *ACS biomaterials science & engineering*, 10(12), 7451.

Nguyen LL, et al. (2023) Combinatory EHMT and PARP inhibition induces an interferon response and a CD8 T cell-dependent tumor regression in PARP inhibitor-resistant models. *bioRxiv : the preprint server for biology*.

Hughes CJ, et al. (2023) SIX1 and EWS/FLI1 co-regulate an anti-metastatic gene network in Ewing Sarcoma. *Nature communications*, 14(1), 4357.

Wolin AR, et al. (2023) EYA2 tyrosine phosphatase inhibition reduces MYC and prevents medulloblastoma progression. *Neuro-oncology*, 25(12), 2287.

Martinez P, et al. (2023) Comprehensive Assessment of Blood-Brain Barrier Opening and Sterile Inflammatory Response: Unraveling the Therapeutic Window. *bioRxiv : the preprint server for biology*.