

Resource Summary Report

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University of Virginia School of Medicine Molecular Imaging Core Facility

RRID:SCR_025472

Type: Tool

Proper Citation

University of Virginia School of Medicine Molecular Imaging Core Facility
(RRID:SCR_025472)

Resource Information

URL: <https://med.virginia.edu/molecular-imaging-core/>

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Description: Core specializes in imaging small animals and samples with variety of modalities depending on the investigator's needs. These modalities include MRI, X-Ray CT, PET, SPECT, luminescence, and fluorescence. We work closely with the Radiochemistry Core Lab which can synthesize custom, targeted PET and SPECT imaging agents.

Synonyms: , Molecular Imaging Core, UVA School of Medicine Molecular Imaging Core

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

Keywords: imaging small animals, MRI, X-Ray CT, PET, SPECT, luminescence, fluorescence,

Resource Name: University of Virginia School of Medicine Molecular Imaging Core Facility

Resource ID: SCR_025472

Alternate IDs: ABRF_2825

Alternate URLs: <https://coremarketplace.org/?FacilityID=2825&citation=1>

Record Creation Time: 20240712T053246+0000

Record Last Update: 20260905T133459+0000

Ratings and Alerts

No rating or validation information has been found for University of Virginia School of Medicine Molecular Imaging Core Facility.

No alerts have been found for University of Virginia School of Medicine Molecular Imaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Skacel TP, et al. (2026) Semaglutide Reverses Ectopic Lipid Accumulation, Impaired Myocardial Perfusion Reserve, and Diastolic Dysfunction in a Mouse Model of Cardiometabolic Heart Disease. JACC. Basic to translational science, 11(6), 101554.

Cobb DA, et al. (2026) γ CAR-T Cells Simultaneously Targeting Tumor and Metastases Produce Highly Effective Control in Preclinical Models of Melanoma and Triple-Negative Breast Cancer. Molecular cancer therapeutics, 25(7), 1181.

Demir ZEF, et al. (2026) Multimodal PET Defines a 'Goldilocks' Thermal Window for Focused Ultrasound Ablation and Immunotherapy Combinations. bioRxiv : the preprint server for biology.

Marohl T, et al. (2025) PCSK5M452I is a recessive hypomorph exclusive to MCF10DCIS.com cells. bioRxiv : the preprint server for biology.

Marohl T, et al. (2025) PCSK5M452I is a recessive hypomorph exclusive to MCF10DCIS.com cells. Molecular cancer research : MCR.

Garcia Diaz J, et al. (2025) Zika virus induces monocyte recruitment in the immunocompetent adult brain driving chronic inflammation. Frontiers in immunology, 16, 1597776.

Wei X, et al. (2025) PRMT5 Identified as a Viable Target for Combination Therapy in Preclinical Models of Pancreatic Cancer. Biomolecules, 15(7).

Bresticker JE, et al. () Preclinical magnetic resonance imaging of proinflammatory epicardial adipose tissue: accelerated methods for simultaneous fatty acid composition and relaxation parameter mapping with relationships to tissue biomarkers. Journal of cardiovascular magnetic resonance : official journal of the Society for Cardiovascular Magnetic Resonance, 27(2), 101947.

Bresticker JE, et al. () Multiparametric cardiac magnetic resonance identifies macrophage nitric oxide synthase 2-mediated benefits of preventive sodium-glucose cotransporter 2 inhibition in a mouse model of metabolic heart disease. Journal of cardiovascular magnetic resonance : official journal of the Society for Cardiovascular Magnetic

Resonance, 27(2), 101972.