Resource Summary Report

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University of Ottawa Preclinical Imaging Core Facility

RRID:SCR_021832
Type: Tool

Proper Citation

University of Ottawa Preclinical Imaging Core Facility (RRID:SCR_021832)

Resource Information

URL: https://med.uottawa.ca/core-facilities/facilities/pre-clinical-imaging

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Description: Facility offers internal and external clients experimental solutions to carry out animal studies requiring in vivo imaging, including consultations, research plan design, protocol development, data collection, analysis, and reporting. PCIC offers modalities like MRI and ultrasound enabling translational research.

Abbreviations: PCIC

Synonyms: Pre-clinical Imaging Core

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

Keywords: USEDit, ABRF, animal studies requiring in vivo imaging, MRI, ultrasound

Availability: open

Resource Name: University of Ottawa Preclinical Imaging Core Facility

Resource ID: SCR_021832

Alternate IDs: ABRF_1241

Alternate URLs: https://coremarketplace.org/?FacilityID=1241

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260731T043056+0000

Ratings and Alerts

No rating or validation information has been found for University of Ottawa Preclinical Imaging Core Facility.

No alerts have been found for University of Ottawa Preclinical Imaging Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Mottawea W, et al. (2025) Multi-level analysis of gut microbiome extracellular vesicles-host interaction reveals a connection to gut-brain axis signaling. Microbiology spectrum, 13(2), e0136824.

Esper ME, et al. (2025) Intrinsic Muscle Stem Cell Dysfunction Contributes to Impaired Regeneration in the mdx Mouse. Journal of cachexia, sarcopenia and muscle, 16(1), e13682.

Esper ME, et al. (2025) Intrinsic dysfunction in muscle stem cells lacking dystrophin begins during secondary myogenesis. Nature communications, 16(1), 10031.

Jo DH, et al. (2025) Entinostat, a histone deacetylase inhibitor, enhances CAR-NK cell anti-tumor activity by sustaining CAR expression. Frontiers in immunology, 16, 1533044.

Kobar K, et al. (2025) tp53 R217H and R242H mutant zebrafish exhibit dysfunctional p53 hallmarks and recapitulate Li-Fraumeni syndrome phenotypes. Biochimica et biophysica acta. Molecular basis of disease, 1871(3), 167612.

Hodgins JJ, et al. (2024) PD-L1 promotes oncolytic virus infection via a metabolic shift that inhibits the type I IFN pathway. The Journal of experimental medicine, 221(7).

Taha Z, et al. (2024) Complementary dual-virus strategy drives synthetic target and cognate T-cell engager expression for endogenous-antigen agnostic immunotherapy. Nature communications, 15(1), 7267.

Cober ND, et al. (2023) Targeting extracellular vesicle delivery to the lungs by microgel encapsulation. Journal of extracellular biology, 2(6), e94.

Jo DH, et al. (2023) Simultaneous engineering of natural killer cells for CAR transgenesis and CRISPR-Cas9 knockout using retroviral particles. Molecular therapy. Methods & clinical development, 29, 173.

Mahmoudian E, et al. (2023) Establishing Brain Tumor Stem Cell Culture from Patient Brain Tumors and Imaging Analysis of Patient-Derived Xenografts. Methods in molecular biology (Clifton, N.J.).

Lithopoulos MA, et al. (2022) Neonatal hyperoxia in mice triggers long-term cognitive deficits via impairments in cerebrovascular function and neurogenesis. The Journal of clinical investigation, 132(22).