

Resource Summary Report

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University of Massachusetts Medical School Metabolic Disease Research Center Core Facility

RRID:SCR_018672

Type: Tool

Proper Citation

University of Massachusetts Medical School Metabolic Disease Research Center Core Facility (RRID:SCR_018672)

Resource Information

URL: <http://www.umassmed.edu/umpc>

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Description: UMass Metabolic Disease Research Center (MDRC), formerly the National Mouse Metabolic Phenotyping Center, is a core facility that performs standardized experiments using state-of-the-art equipment for the purpose of investigating transgenic mouse models of diabetes, obesity, and metabolic liver disease. Provides metabolic and functional characterization of mouse models of human diseases that are developed by academic and industry researchers in joint efforts to understand metabolic diseases and to identify new therapies.

Abbreviations: MMPC, UMass MMPC, MDRC

Synonyms: Massachusetts University Medical School Mouse Phenotyping Center Core Facility, UMass Medical School Metabolic Disease Research Center, National Mouse Metabolic Phenotyping Center, University of Massachusetts Medical School Mouse Phenotyping Center Core Facility, Massachusetts University Medical School National Mouse Metabolic Phenotyping Center

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

Keywords: UMass Chan Medical School, mouse model, human disease, diabetes, obesity, diabetic complication, phenotyping, metabolism, analysis, islet, cardiovascular, microbiome, humanized mouse cell transplantation, assessment, ABRF

Funding: NIDDK U2C DK093000

Availability: Open

Resource Name: University of Massachusetts Medical School Metabolic Disease Research Center Core Facility

Resource ID: SCR_018672

Alternate IDs: SCR_015366, ABRF_390

Alternate URLs: <https://coremarketplace.org/?FacilityID=390>

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260905T133417+0000

Ratings and Alerts

No rating or validation information has been found for University of Massachusetts Medical School Metabolic Disease Research Center Core Facility.

No alerts have been found for University of Massachusetts Medical School Metabolic Disease Research Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wilcox-Hagerty J, et al. (2021) Bone metastases induce metabolic changes and mitophagy in mice. Experimental physiology, 106(2), 506.