

Resource Summary Report

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Mitochondrial Function and In Vivo Imaging Core

RRID:SCR_028891

Type: Tool

Proper Citation

Mitochondrial Function and In Vivo Imaging Core (RRID:SCR_028891)

Resource Information

URL: <https://cpvb.org/service-cores/services/>

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Description: The Mitochondrial Function and In Vivo Imaging (MF-II) Core provides specialized expertise, advanced instrumentation, and comprehensive services for assessing mitochondrial function, metabolism, cardiopulmonary physiology, and in vivo structure and function. The Core supports cardiovascular, pulmonary, and vascular research through high-resolution metabolic and mitochondrial analyses, noninvasive imaging, hemodynamic assessment, and established preclinical disease models. The MF-II Core works collaboratively with investigators to provide experimental design consultation, technical expertise, data acquisition, and analysis to generate high-quality, reproducible data.

Abbreviations: MF-II Core

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

Keywords: Mitochondrial Function, Mitochondrial Bioenergetics, Cellular Metabolism, Oxygen Consumption, Glycolysis, High-Resolution Respirometry, Seahorse XFe96, Oroboros, Echocardiography, Cardiac Function, Hemodynamics, In Vivo Imaging, Micro-CT, PET Imaging, Laser Doppler, Cardiopulmonary Physiology, Preclinical Imaging, Animal Models, Pulmonary Hypertension, Cardiovascular Biology

Funding: NIGMS P30GM149398

Resource Name: Mitochondrial Function and In Vivo Imaging Core

Resource ID: SCR_028891

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Record Last Update: 20260919T200142+0000

Ratings and Alerts

No rating or validation information has been found for Mitochondrial Function and In Vivo Imaging Core.

No alerts have been found for Mitochondrial Function and In Vivo Imaging Core.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.