

Resource Summary Report

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URMC Multiphoton Microscopy Core

RRID:SCR_012362

Type: Tool

Proper Citation

URMC Multiphoton Microscopy Core (RRID:SCR_012362)

Resource Information

URL: <http://www.scienceexchange.com/facilities/multiphoton-microscopy-core-rochester>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 16,2024.The mission of the URSMD Multiphoton Core Facility is to provide state-of-the-art multiphoton imaging capabilities to further the biomedical and bio-optical research at the URSMD and the University of Rochester with emphasis on intravital imaging and systems physiology. The Multiphoton Core Facility provides access to an Olympus Fluoview 1000 AOM-MPM imaging system and a Spectra-Physics MaiTai HP DeepSee Ti:Sa laser system with dispersion compensation. Further capabilities include engineering applications for opto-electronics and spectroscopy. Initial meeting with the director regarding the design of the experiments begins the process. Imaging will be initially performed by highly skilled staff to make sure all features of software are added for the study, thereafter, the investigator is trained until they are able to operate the microscope independently. Also offered is a blood gas analysis machine and supporting equipment.

Abbreviations: URMC Multiphoton Microscopy Core

Synonyms: University of Rochester Medical Center Multiphoton Microscopy Core, URSMD Multiphoton Core, URSMD Multiphoton Core Facility

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

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: URMC Multiphoton Microscopy Core

Resource ID: SCR_012362

Alternate IDs: SciEx_12079

Record Creation Time: 20220129T080309+0000

Record Last Update: 20260731T042845+0000

Ratings and Alerts

No rating or validation information has been found for URMCMultiphoton Microscopy Core.

No alerts have been found for URMCMultiphoton Microscopy Core.

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 [dkNET](#) .

Maruno T, et al. (2021) Visualization of stem cell activity in pancreatic cancer expansion by direct lineage tracing with live imaging. eLife, 10.