# Resource Summary Report

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## URMC Confocal and Conventional Microscopy Core

RRID:SCR_012365
Type: Tool

### Proper Citation

URMC Confocal and Conventional Microscopy Core (RRID:SCR_012365)

### Resource Information

**URL:** http://www.scienceexchange.com/facilities/confocal-and-conventional-microscopy-core-rochester

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**Description:** The Confocal and Conventional Microscopy Core provides Medical Center researchers access to high-end confocal microscopy as well as more conventional brightfield and fluorescence microscopy. The Core provides assistance with all imaging procedures as needed by the investigators. Aid in customizing staining protocols to optimize obtainment of high quality data using Core instruments is also provided. The CCMC provides Medical Center researchers the ability and expertise to obtain high quality imaging-based data from tissue, culture, and materials-based research studies. Core instrumentation includes a new Olympus FV1000 laser scanning confocal microscope, an accompanying workstation containing full Olympus FV1000 software, an Olympus VanoxAH-2 microscope for brightfield and fluorescence imaging, and an imaging stand for large specimen imaging. The core also offers a PalmBeam Laser Capture Microdissection Instrument for microdissection of tissue.

**Abbreviations:** URMC CCMC

**Synonyms:** University of Rochester Medical Center Confocal and Conventional Microscopy Core

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

**Funding:**

**Resource Name:** URMC Confocal and Conventional Microscopy Core

**Resource ID:** SCR_012365

**Alternate IDs:** SciEx_12080

**Record Creation Time:** 20220129T080309+0000

**Record Last Update:** 20250507T060835+0000

## Ratings and Alerts

No rating or validation information has been found for URMC Confocal and Conventional Microscopy Core.

No alerts have been found for URMC Confocal and Conventional Microscopy Core.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Veremeyko T, et al. (2019) Neuronal extracellular microRNAs miR-124 and miR-9 mediate cell-cell communication between neurons and microglia. Journal of neuroscience research, 97(2), 162.

Singh VB, et al. (2016) Smoothened Agonist Reduces Human Immunodeficiency Virus Type-1-Induced Blood-Brain Barrier Breakdown in Humanized Mice. Scientific reports, 6, 26876.

Jordan PM, et al. (2015) Efferent innervation of turtle semicircular canal cristae: comparisons with bird and mouse. The Journal of comparative neurology, 523(8), 1258.