## **Resource Summary Report**

Generated by NIF on Apr 30, 2025

# University of Pennsylvania Perelman School of Medicine Cell and Developmental Biology Microscopy Core Facility

RRID:SCR 022373

Type: Tool

## **Proper Citation**

University of Pennsylvania Perelman School of Medicine Cell and Developmental Biology Microscopy Core Facility (RRID:SCR\_022373)

#### Resource Information

**URL:** <a href="https://www.med.upenn.edu/cdbmicroscopycore/">https://www.med.upenn.edu/cdbmicroscopycore/</a>

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**Description:** Core provides personalized assistance on all aspects of imaging, from tips on sample preparation to training on one of our microscopes to assistance with image data analysis. Facility houses confocal microscopes, Bruker Vutara 352 super resolution system, Zeiss Z.1 Lightsheet system, three widefield light microscopes, and several computers dedicated to image processing and analysis. Offers scanning electron microscope sample preparation and imaging.

**Synonyms:** CDB Microscopy Core, Cell & Developmental Biology Microscopy Core, University of Pennsylvania Perelman School of Medicine CDB Microscopy Core

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

Keywords: USEDit, ABRF

Funding:

**Resource Name:** University of Pennsylvania Perelman School of Medicine Cell and Developmental Biology Microscopy Core Facility

Resource ID: SCR\_022373

Alternate IDs: ARBF\_1387

**Alternate URLs:** https://coremarketplace.org?citation=1&FacilityID=1387

**Record Creation Time:** 20220602T050140+0000

**Record Last Update:** 20250430T060304+0000

### **Ratings and Alerts**

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Cell and Developmental Biology Microscopy Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Cell and Developmental Biology Microscopy Core Facility.

#### 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 <u>NIF</u>.

Beyer JN, et al. (2024) Intracellular Protein Editing to Enable Incorporation of Non-Canonical Residues into Endogenous Proteins. bioRxiv: the preprint server for biology.

Zhang D, et al. (2024) Spatial analysis of tissue immunity and vascularity by light sheet fluorescence microscopy. Nature protocols.

Shoenhard H, et al. (2023) Multivariate analysis of variegated expression in Neurons: A strategy for unbiased localization of gene function to candidate brain regions in larval zebrafish. PloS one, 18(2), e0281609.