University of California at Berkeley Cancer Research Laboratory Molecular Imaging Center Core Facility

RRID:SCR_017852
Type: Tool

Proper Citation

University of California at Berkeley Cancer Research Laboratory Molecular Imaging Center Core Facility (RRID:SCR_017852)

Resource Information

URL: http://crl.berkeley.edu/molecular-imaging-center/

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Description: Microscopy core specializing in laser based fluorescence techniques. Offers training and expertise in 20 different microscope systems, including live cell and in vivo imaging, laser scanning (LSM) and spinning disk (SDC) confocal, multi-photon (2p), fluorescent lifetime imaging (FLIM), light-sheet microscopy (SPIM), super resolution (Airyscan), slide scanning and patterned illumination for optogenetic manipulation and readout. Provides offline computer analysis workstations for image processing, visualization and analysis, including GPU workstations. MIC operates in 3 different buildings on campus, with primary locations in Life Sciences Addition (LSA), North-side core in Barker Hall, and small outpost in Li Ka Shing Center for Biomedical and Health Sciences (LKS). Provides equipment in categories: Confocal and multi photon laser scanning microscopes, Spinning disk confocal microscopes, Lightsheet (SPIM) microscopes, Epifluorescence/widefield scopes and Computer workstations.

Abbreviations: MIC

Synonyms: CRL Molecular Imaging Center

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

Keywords: Molecular, imaging, microscopy, system, laser, based, fluorescent, technique, live, cell, in vivo, slide, scanning, image, processing, visualization, analysis, service, core
**Funding Agency:** Helen Wills Neuroscience Institute, NSF, Gordon and Betty Moore Foundation, NCRR, Biological Faculty Research Fund, Fidelity Foundation Award, NCRR, NEI, NSF

**Availability:** Open

**Resource Name:** University of California at Berkeley Cancer Research Laboratory Molecular Imaging Center Core Facility

**Resource ID:** SCR_017852

**Alternate IDs:** ABRF_659

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**Ratings and Alerts**

No rating or validation information has been found for University of California at Berkeley Cancer Research Laboratory Molecular Imaging Center Core Facility.

No alerts have been found for University of California at Berkeley Cancer Research Laboratory Molecular Imaging Center Core Facility.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 10 mentions in open access literature.

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


Kosillo P, et al. (2022) Dopamine neuron morphology and output are differentially controlled by mTORC1 and mTORC2. eLife, 11.

Johnston AR, et al. (2022) Excitonically Coupled Simple Coacervates via Liquid/Liquid Phase Separation. The journal of physical chemistry letters, 13(44), 10275.

Grenier V, et al. (2022) Molecular Prosthetics for Long-Term Functional Imaging with Fluorescent Reporters. ACS central science, 8(1), 118-121.

