## **Resource Summary Report**

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# Mount Desert Island Biological Laboratory Light Microscopy Core Facility

RRID:SCR\_019166

Type: Tool

## **Proper Citation**

Mount Desert Island Biological Laboratory Light Microscopy Core Facility (RRID:SCR\_019166)

#### Resource Information

URL: https://lmf.mdibl.org/

**Proper Citation:** Mount Desert Island Biological Laboratory Light Microscopy Core Facility (RRID:SCR\_019166)

**Description:** Core provides professional scientific expertise in light microscopy. Offers access to hardware and software as well as expert guidance at any step of imaging project, from experimental design to image analysis. Comprises eight microscope systems including two laser scanning confocal microscopes including one Olympus inverted confocal microscope system (FV1000) and one Zeiss inverted confocal microscope system (LSM-980) equipped with Airy scan 2 for super resolution and 2-photon technology for in-vivo deep imaging with temperature controlled chamber. One spinning disk confocal including Nikon inverted spinning disk microscope system with incubation chamber (Eclipse Ti with Yokogawa disk CSU-W1), two Zeiss widefield microscopes for brightfield and epifluorescence illumination (Zeiss Apotome and Zeiss Colibri), three macroscopes systems to observe large samples or complete model organisms in brightfield and epifluorescence including one Olympus stereomicroscope system (MVX10) and two Zeiss stereomicroscope systems (SteREO Discovery V12), fully automated and one AxioZoom V16, fully automated with ApoTome attachment.

**Abbreviations:** LMF MDIBL

Synonyms: MDIBL Light Microscopy Facility, Light Microscopy Facility MDIBL

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

**Keywords:** USEDit, light microscopy, imaging project, image analysis, experimental design,

**ABRF** 

Funding: NIGMS GM103423

Availability: Restricted

Resource Name: Mount Desert Island Biological Laboratory Light Microscopy Core Facility

Resource ID: SCR\_019166

Alternate IDs: ABRF\_172

Alternate URLs: https://coremarketplace.org/?FacilityID=172

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20250514T061855+0000

## Ratings and Alerts

No rating or validation information has been found for Mount Desert Island Biological Laboratory Light Microscopy Core Facility.

No alerts have been found for Mount Desert Island Biological Laboratory Light Microscopy Core Facility.

### **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 RRID.

De Niz M, et al. (2024) Building momentum through networks: Bioimaging across the Americas. Journal of microscopy, 294(3), 420.