

# Resource Summary Report

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## Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility

RRID:SCR\_025076

Type: Tool

### Proper Citation

Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility (RRID:SCR\_025076)

### Resource Information

**URL:** <https://cancer.dartmouth.edu/scientists-researchers/microscopy-resource>

**Proper Citation:** Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility (RRID:SCR\_025076)

**Description:** Facility provides imaging instrumentation and analysis software along with training and expertise. Instrumentation and technologies available to users include Zeiss LSM800 AIRYSCAN confocal microscope integrated with Zen software; PerkinElmer / Akoya Vectra 3.0 Automated Quantitative Pathology Imaging System; Agilent/BioTek Cytation 5 with BioSpa8 live-cell microscopy system for fluorescence and phase contrast microscopy; Olympus IX-83 ZDC2 microscope equipped with PRIMO UV light-based bioengineering device for micropatterning and microfabrication; Olympus IX73 Inverted Fluorescence Microscope. Image analysis software hosted on appropriately powered workstations with cloud connectivity for high capacity storage: HALO3, Inform, Volocity, AutoDeblur, Image-J / Fiji. Transmission and scanning electron microscopy including FEI Talos F200i (200kV TEM and STEM electron microscope (TEM), equipped for microanalysis, and cryo-EM; FEI Helios CX5 dual beam FIB-SEM system with X-ray microanalysis detectors; instruments for specimen preparation for transmission and scanning electron microscopy including ultramicrotomes Leica Ultracut UC6 and UC7, critical point dryer Samdri-970, Leica ACE 600 coater and ThermoFisher Vitrobot.

**Synonyms:** DCC-Microscopy Shared Resource, Geisel School of Medicine at Dartmouth DCC-Microscopy Shared Resource

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

**Keywords:** ABRF, imaging, microscopy,

**Resource Name:** Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility

**Resource ID:** SCR\_025076

**Alternate IDs:** ABRF\_2656

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=2656&citation=1>

**Record Creation Time:** 20240305T200905+0000

**Record Last Update:** 20260912T200437+0000

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## Ratings and Alerts

No rating or validation information has been found for Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility.

No alerts have been found for Geisel School of Medicine at Dartmouth DCC Microscopy Shared Resource Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.