

# Resource Summary Report

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## Harvard Center for Biological Imaging Core Facility

RRID:SCR\_018673

Type: Tool

### Proper Citation

Harvard Center for Biological Imaging Core Facility (RRID:SCR\_018673)

### Resource Information

**URL:** <http://www.hcbi.fas.harvard.edu>

**Proper Citation:** Harvard Center for Biological Imaging Core Facility (RRID:SCR\_018673)

**Description:** Microscopy facility. Contains microscopes including confocal, super-resolution, multi-photon, light sheet, live cell imaging, high-content screening, slide scanning, laser dissection and macroscopy stations. Features wet lab space, eukaryotic and prokaryotic incubation, and access to nearby animal care facilities for wide range of species. Services include Cell Imaging, Confocal Microscopy, Consultations, Data Analysis, Data Processing And Interpretation, High Content Screening, Laser Capture Microdissection, Microscopy, Multiphoton Microscopy, Optical Imaging, Slide Scanning, Whole Slide Imaging.

**Abbreviations:** HCBi

**Synonyms:** Harvard Center for Biological Imaging, Harvard Center for Biological Imaging (HCBi)

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

**Keywords:** USEdit, microscopy, cell imaging, confocal microscopy, consultation, data analysis, data processing, data interpretation, laser capture microdissection, microscopy, multiphoton microscopy, optical imaging, slide scanning, whole slide imaging, ABRF

**Resource Name:** Harvard Center for Biological Imaging Core Facility

**Resource ID:** SCR\_018673

**Alternate IDs:** ABRF\_981

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=981>

**Record Creation Time:** 20220129T080341+0000

**Record Last Update:** 20260919T195936+0000

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## Ratings and Alerts

No rating or validation information has been found for Harvard Center for Biological Imaging Core Facility.

No alerts have been found for Harvard Center for Biological Imaging Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 48 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#).

Zhu L, et al. (2026) Directed functional reinnervation to curb nociception and enable sensation. *iScience*, 29(1), 114431.

Griffiths JR, et al. (2026) A characterization of axolotl digit regeneration: conserved mechanisms, divergent patterning, and a critical role for hedgehog signaling. *NPJ Regenerative medicine*, 11(1).

Reedich EJ, et al. (2026) Whole-Mount Optical Clearing of Rabbit Tenuissimus Muscle for Assessment of Muscle Spindle Morphology. *bioRxiv : the preprint server for biology*.

Gong D, et al. (2026) Absolute voltage mapping using dynamic photocycle control. *bioRxiv : the preprint server for biology*.

May EJ, et al. (2025) Surface delivery quantification reveals distinct trafficking efficiencies among clustered protocadherin isoforms. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2514178122.

May EJ, et al. (2025) Surface delivery quantification reveals distinct trafficking efficiencies among clustered protocadherin isoforms. *bioRxiv : the preprint server for biology*.

Griffiths JR, et al. (2025) A Characterization of Axolotl Digit Regeneration: Conserved Mechanisms, Divergent Patterning, and a Critical Role for Hedgehog Signaling. *bioRxiv : the preprint server for biology*.

Gainey DP, et al. (2025) Reported transgenerational responses to *Pseudomonas aeruginosa* in *Caenorhabditis elegans* are not robust. *eLife*, 13.

Yokomizo S, et al. (2025) Transplantation of GABAergic Interneuron Progenitors Restores Cortical Circuit Function in an Alzheimer's Disease Mouse Model. *bioRxiv : the preprint server for biology*.

Ludin A, et al. (2025) CRATER tumor niches facilitate CD8+ T cell engagement and correspond with immunotherapy success. *Cell*, 188(24), 6720.

Sullivan ZA, et al. (2025) Brain-immune interactions generate pathogen-specific sickness states. bioRxiv : the preprint server for biology.

Logeman BL, et al. (2025) Cell Type-Specific Hormonal Signaling Configures Hypothalamic Circuits for Parenting. bioRxiv : the preprint server for biology.

Payzin-Dogru D, et al. (2025) Adrenergic signaling coordinates distant and local responses to amputation in axolotl. bioRxiv : the preprint server for biology.

Akhshi T, et al. (2025) Super-resolution microscopy reveals distinct epigenetic states regulated by estrogen receptor activity. bioRxiv : the preprint server for biology.

Brown M, et al. (2025) Super-resolution microscopy reveals distinct epigenetic states regulated by estrogen receptor activity. Research square.

Powell CJ, et al. (2025) Pancreatic injury induces  $\beta$ -cell regeneration in axolotl. bioRxiv : the preprint server for biology.

Patel OH, et al. (2025) A simple fixation for detection of endogenous fluorescent reporters in *C. elegans* that nearly eliminates intestinal autofluorescence. microPublication biology, 2025.

Yokomizo S, et al. (2025) Transplantation of GABAergic Interneuron Progenitors Restores Cortical Circuit Function in an Alzheimer's Disease Mouse Model. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e11472.

Hernandez-Nunez L, et al. (2025) Emergence of Functional Heart-Brain Circuits in a Vertebrate. bioRxiv : the preprint server for biology.

Powell CJ, et al. (2025) Pancreatic injury induces  $\beta$ -cell regeneration in axolotl. Developmental dynamics : an official publication of the American Association of Anatomists.