

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

HMS NERCE Live-cell Imaging Core

RRID:SCR_009806

Type: Tool

Proper Citation

HMS NERCE Live-cell Imaging Core (RRID:SCR_009806)

Resource Information

URL: <http://harvard.eagle-i.net/i/0000012c-c7b2-aa59-a061-4a6580000000>

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Description: Core facility that provides the following services: Imaging system training, Live cell imaging.

Live-cell imaging is a powerful method that enables investigators to observe cellular trafficking events with a high degree of spatial and temporal resolution, including visualization of individual bacteria or viral particles engaged in the process of infecting eukaryotic cells. A quantitative description of bacterial and viral invasion mechanisms can be obtained through such approaches. NERCE has provided funding to support the use of live-cell imaging for any New England investigator studying NIAID priority pathogens and agents of emerging infectious disease. Investigators interested in working with the Live-Cell Imaging core laboratory should complete the Imaging Core Request Form and send it to Gerald Beltz. There are no fees for use of the live-cell imaging core for research related to NIAID priority pathogens and agents of emerging infectious disease. **Please note that since the NERCE program will end in February 2014, our ability to support new requests for services is limited.**

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

Keywords: fast live imaging, fluorescence recovery after photobleaching, confocal microscopy, microscopy

Resource Name: HMS NERCE Live-cell Imaging Core

Resource ID: SCR_009806

Alternate IDs: nlx_156274

Alternate URLs: <http://nerce.med.harvard.edu/livecell.html>

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260807T042721+0000

Ratings and Alerts

No rating or validation information has been found for HMS NERCE Live-cell Imaging Core.

No alerts have been found for HMS NERCE Live-cell Imaging Core.

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 [NIF](#) .

Nawara TJ, et al. (2022) Imaging vesicle formation dynamics supports the flexible model of clathrin-mediated endocytosis. Nature communications, 13(1), 1732.