# **Resource Summary Report**

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# **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: access service resource, service resource, core facility

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

Funding:

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: 20250418T055223+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 <u>dkNET</u>.

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