

Resource Summary Report

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MGH Mouse Imaging Program

RRID:SCR_009925

Type: Tool

Proper Citation

MGH Mouse Imaging Program (RRID:SCR_009925)

Resource Information

URL: <http://harvard.eagle-i.net/i/0000012e-a1bd-151b-55da-381e80000000>

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Description: Core facility that provides the following services: 4.7T/7T MRI, PET-CT, SPECT, FMT, BLI, Animal housing service, Multimodality imaging and image fusion, Quantitative image analysis and processing, Animal surgical services, Radiochemistry, Histopathology, Data Management, In vivo confocal microscopy.

The Mouse Imaging Program (MIP) at the Center for Systems Biology is a uniquely integrated imaging resource providing the larger Harvard/MIT research community with access to state-of-the-art in vivo imaging technologies. The program offers magnetic resonance imaging (MRI), positron emission tomography (PET-CT), single photon emission computed tomography (SPECT-CT), computed tomography (CT), bioluminescence (BLI), fluorescence mediated tomography (FMT), and various other fluorescence imaging technologies. The fully integrated program also provides mouse holding facilities for serial imaging, surgery, anesthesia and veterinary care. Image reconstruction, 3D display, fusion, quantitative image analysis and online data access are also available. The program performs its own research, aimed at continuously improving existing imaging technologies and has deep knowledge of cardiovascular, oncology and neurological mouse models of disease. A list of publications made possible by utilizing MIP resources is available on the [Program web site](#). Imaging requests may be submitted through the [MIP website](#).

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

Keywords: magnetic resonance imaging, positron emission tomography, single photon emission computed tomography, imaging technique, in vivo bioluminescence, laboratory animal care, data analysis, image analysis, image processing technique, collecting specimen from organism, blood sampling, small animal surgery, staining, tissue sectioning, data transformation, data management, confocal microscopy

Resource Name: MGH Mouse Imaging Program

Resource ID: SCR_009925

Alternate IDs: nlx_156392

Alternate URLs: http://csb.mgh.harvard.edu/mouse_imaging

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260905T133337+0000

Ratings and Alerts

No rating or validation information has been found for MGH Mouse Imaging Program.

No alerts have been found for MGH Mouse Imaging Program.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.