Resource Summary Report

Generated by RRID on May 15, 2025

Northeastern University Institute for Chemical Imaging of Living Systems Core Facility

RRID:SCR_022681
Type: Tool

Proper Citation

Northeastern University Institute for Chemical Imaging of Living Systems Core Facility (RRID:SCR_022681)

Resource Information

URL: http://cils.northeastern.edu/facilities

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Description: Located in ISEC research center and includes advanced imaging instruments. CILS has three core facilities: Microscopy Core (confocal/multi-photon/lightsheet microscopes), Flow Cytometry Core (cell analyzer/sorter) and Preclinical Imaging Core (3T small animal MRI and ultrasound).

Abbreviations: CILS

Synonyms: NU-Institute for Chemical Imaging of Living Systems, Northeastern University NU-Institute for Chemical Imaging of Living Systems Core Facility

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

Keywords: USEDit, ABRF, Lightsheet, Multi-photon, MRI, Ultrasound, MST, AFM

Funding:

Resource Name: Northeastern University Institute for Chemical Imaging of Living Systems Core Facility

Resource ID: SCR_022681

Alternate IDs: ABRF_1499

Alternate URLs: https://coremarketplace.org/?FacilityID=1499&citation=1

Record Creation Time: 20220818T050143+0000

Record Last Update: 20250514T061939+0000

Ratings and Alerts

No rating or validation information has been found for Northeastern University Institute for Chemical Imaging of Living Systems Core Facility.

No alerts have been found for Northeastern University Institute for Chemical Imaging of Living Systems Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Timilsina S, et al. (2025) Methods for assessing and removing non-specific photoimmunotherapy damage in patient-derived tumor cell culture models. Photochemistry and photobiology, 101(1), 4.

Perera-Gonzalez M, et al. (2024) Fast quantitative MRI: Spiral Acquisition Matching-Based Algorithm (SAMBA) for Robust T1 and T2 Mapping. Journal of magnetic resonance open, 20.

Lynch WB, et al. (2024) Validation studies and multi-omics analysis of Zhx2 as a candidate quantitative trait gene underlying brain oxycodone metabolite (oxymorphone) levels and behavior. bioRxiv : the preprint server for biology.

Ma KY, et al. (2024) pH-responsive i-motif-conjugated nanoparticles for MRI analysis. Sensors & diagnostics, 3(4), 623.

Okorafor CC, et al. (2024) Mechanisms of triple-negative breast cancer extravasation: Impact of the physical environment and endothelial glycocalyx. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(13), e23785.

Bertucci T, et al. (2023) Direct differentiation of human pluripotent stem cells into vascular

network along with supporting mural cells. APL bioengineering, 7(3), 036107.