

Resource Summary Report

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University of Massachusetts Amherst Cell Culture Core Facility

RRID:SCR_023477

Type: Tool

Proper Citation

University of Massachusetts Amherst Cell Culture Core Facility (RRID:SCR_023477)

Resource Information

URL: <https://www.umass.edu/ials/cell-culture>

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Description: Core provides space, equipment, plant and animal cell cultures, media, supplies and training on recharge basis for both academic labs and corporate partners. Labs are equipped with laminar flow hoods, incubators, centrifuges, refrigerators/freezers, basic microscopes and automated cell counters. Offers technical expertise and hands on support for custom research projects. Services include Cell Line expansion and cryopreservation;Stem cell culture;Liquid nitrogen storage;Assay Development/optimization; CRISPR based gene editing and stable clone selection; Mycoplasma testing; Lentiviral packaging, titer, transduction;Molecular biology.

Synonyms: UMass Amherst Cell Culture, Amherst - Cell Culture Core Facility, University of Massachusetts

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

Keywords: Assay development, Lentivirus, molecular cloning, stable cell line generation, cell culture, mycoplasma testing, single cell clone, transfection, transduction, ABRF, USEdit

Availability: Open

Resource Name: University of Massachusetts Amherst Cell Culture Core Facility

Resource ID: SCR_023477

Record Creation Time: 20230419T050215+0000

Record Last Update: 20260808T190710+0000

Ratings and Alerts

No rating or validation information has been found for University of Massachusetts Amherst Cell Culture Core Facility.

No alerts have been found for University of Massachusetts Amherst Cell Culture Core Facility.

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 [SPARC SAWG](#) .

Guo H, et al. (2023) Cell-Based Assay to Determine Type 3 Secretion System Translocon Assembly in *Pseudomonas aeruginosa* Using Split Luciferase. *ACS infectious diseases*, 9(12), 2652.