Resource Summary Report

Generated by NIF on May 20, 2025

Vanderbilt Institute for Integrative Biosystems Research and Education Automated Biosystems Core Laboratory

RRID:SCR_010184
Type: Tool

Proper Citation

Vanderbilt Institute for Integrative Biosystems Research and Education Automated Biosystems Core Laboratory (RRID:SCR_010184)

Resource Information

URL: http://eagle-i.ea.vanderbilt.edu/i/00000138-7ba8-f7ee-480b-864680000000

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Description: VIIBRE"s Automated Biosystems Core (VIIBRE-ABC) provides a powerful technical foundation for the study of dynamic cellular metabolism, signaling, and control, with more than $4.7 million received from the Defense Threat Reduction Agency (DTRA), the National Institute on Drug Abuse (NIDA), the NIH Shared Instrumentation Program, and Vanderbilt University. An important focus of this effort is to explore dynamic host responses to chemical agents, toxins, and microbial pathogens. The ABC comprises two major instruments: a custom Omni-Omics system built around a Waters Synapt G2 UPLC/GC/ESI/nESI Ion Mobility-Mass Spectrometer, and a microfluidics-enabled high-content screening system built around a Perkin Elmer Opera QEHS Automated Confocal Microscopy System.

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

Funding:

Resource Name: Vanderbilt Institute for Integrative Biosystems Research and Education Automated Biosystems Core Laboratory

Resource ID: SCR_010184

Alternate IDs: nlx_156663

Record Creation Time: 20220129T080257+0000

Record Last Update: 20250519T205143+0000

Ratings and Alerts

No rating or validation information has been found for Vanderbilt Institute for Integrative Biosystems Research and Education Automated Biosystems Core Laboratory.

No alerts have been found for Vanderbilt Institute for Integrative Biosystems Research and Education Automated Biosystems Core Laboratory.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.