

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Vanderbilt Automation and Informatics Core

RRID:SCR_010159

Type: Tool

Proper Citation

Vanderbilt Automation and Informatics Core (RRID:SCR_010159)

Resource Information

URL: <http://eagle-i.ea.vanderbilt.edu/i/00000139-92f5-c506-07bb-023380000000>

Proper Citation: Vanderbilt Automation and Informatics Core (RRID:SCR_010159)

Description: The Automation and Informatics Core is responsible for integrating automation and instrumentation with downstream data handling and reporting. Duties of the group include: a) maintaining the laboratory computer network and technology infrastructure, including maintaining network security, performing data backups, managing data access, and trouble-shooting b) database management and information processing, including management of the Laboratory Information Management System (LIMS) c) performing systems analysis and programming as needed for instrument interfaces and integration, as well as extracting, reformatting, uploading, aggregating and/or analyzing data gathered in the course of HTS experiments d) maintaining the automation and robotics, including configuration, calibration, implementation, and trouble-shooting, to ensure maximum uptime/availability and utmost precision and accuracy e) assisting laboratory and scientific personnel with all their informatics needs, including overseeing data exchanges with our collaborators.

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

Funding:

Resource Name: Vanderbilt Automation and Informatics Core

Resource ID: SCR_010159

Alternate IDs: nlx_156637

Record Creation Time: 20220129T080257+0000

Record Last Update: 20250412T055451+0000

Ratings and Alerts

No rating or validation information has been found for Vanderbilt Automation and Informatics Core.

No alerts have been found for Vanderbilt Automation and Informatics 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 [FDI Lab - SciCrunch.org](#).

Perelmuter JT, et al. (2019) Forebrain Dopamine System Regulates Inner Ear Auditory Sensitivity to Socially Relevant Acoustic Signals. *Current biology* : CB, 29(13), 2190.