

Resource Summary Report

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Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility

RRID:SCR_024458

Type: Tool

Proper Citation

Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility (RRID:SCR_024458)

Resource Information

URL: <https://www.huck.psu.edu/core-facilities/automated-biological-calorimetry-facility>

Proper Citation: Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility (RRID:SCR_024458)

Description: Automated Biological Calorimetry Facility provides infrastructure and support for individual investigators to undertake studies of macromolecule binding and folding, as well as protein and lipid quantification. Our calorimetry instruments are fully automated and require the least amount of sample of any commercially available instruments. Provides instrumentation and collaborative assistance for Isothermal titration calorimetry for studying ligand-macromolecule binding; Differential scanning calorimetry for investigating stability and folding thermodynamics. Staff is available to assist with project development and research.

Synonyms: Huck Institutes' Automated Biological Calorimetry Facility

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

Keywords: ABRF, macromolecule binding and folding, protein and lipid quantification, calorimetry, calorimetry instruments,

Resource Name: Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility

Resource ID: SCR_024458

Alternate IDs: ABRF_2450

Alternate URLs: https://coremarketplace.org/RRID:SCR_024458?citation=1,
<https://coremarketplace.org/?FacilityID=2450&citation=1>

Record Creation Time: 20230922T050237+0000

Record Last Update: 20260912T200428+0000

Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility.

No alerts have been found for Pennsylvania State University Huck Institutes Automated Biological Calorimetry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Zhang H, et al. (2026) FLEXTAG: a small and self-renewable protein labeling system for anti-fading multi-color super-resolution imaging. Nature communications, 17(1).

Sieg J, et al. (2025) Comparative analysis of single-stranded and non-canonical DNA formation in human and other ape cells with telomere-to-telomere genomes. bioRxiv : the preprint server for biology.