

Resource Summary Report

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Pennsylvania State University Huck Institutes X-Ray Crystallography Core Facility

RRID:SCR_024464

Type: Tool

Proper Citation

Pennsylvania State University Huck Institutes X-Ray Crystallography Core Facility
(RRID:SCR_024464)

Resource Information

URL: <https://www.huck.psu.edu/core-facilities/x-ray-crystallography-facility>

Proper Citation: Pennsylvania State University Huck Institutes X-Ray Crystallography Core Facility (RRID:SCR_024464)

Description: Facility provides infrastructure and support for investigators to undertake single crystal X-ray structural studies. Provides instrumentation, training, and collaboration for Protein characterization, including dynamic light scattering, differential scanning calorimetry, bio-layer interferometry, and circular dichroism; Binding studies using isothermal titration calorimetry; Robotic crystallization, incubators, UV, and digital microscopes; Robotic imaging; Diffraction data collection and processing; Structure determination and analysis; Molecular modeling; Small angle X-ray scattering. Staff is available to train researchers to use equipment and to assist with project development and research.

Synonyms: Huck Institutes' X-Ray Crystallography Facility

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

Keywords: ABRF, X Ray, Crystallography, AUC, Analytical Ultracentrifugation, Circular Dichroism, DLS, MALS

Resource Name: Pennsylvania State University Huck Institutes X-Ray Crystallography Core Facility

Resource ID: SCR_024464

Alternate IDs: ABRF_2456

Alternate URLs: https://coremarketplace.org/RRID:SCR_024464?citation=1,
<https://coremarketplace.org/?FacilityID=2456&citation=1>

Record Creation Time: 20230922T050237+0000

Record Last Update: 20260801T191300+0000

Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Huck Institutes X-Ray Crystallography Core Facility.

No alerts have been found for Pennsylvania State University Huck Institutes X-Ray Crystallography 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 [ASWG](#).

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.

Vishweshwaraiah YL, et al. (2024) A Piecewise Design Approach to Engineering a Miniature ACE2 Mimic to Bind SARS-CoV-2. ACS applied bio materials, 7(5), 3238.