

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: access service resource, core facility, 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: 20260912T200428+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 4 mentions in open access literature.

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

Cohen MR, et al. (2026) RNA polymerase II CTD Ser5 phosphorylation induces competing effects of expansion and compaction. Biophysical journal.

Yao Y, et al. (2026) Organization of core mitochondrial replication components into multiphasic condensates. bioRxiv : the preprint server for biology.

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.