# 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

**Funding:**

**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:** 20250525T032952+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 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

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.