

# Resource Summary Report

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## University of Oklahoma Biomolecular Structure Core Facility

RRID:SCR\_028074

Type: Tool

### Proper Citation

University of Oklahoma Biomolecular Structure Core Facility (RRID:SCR\_028074)

### Resource Information

**URL:** <https://www.ou.edu/structuralbiology/cobre-core-facilities/mcl>

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**Description:** Offers access to instrumentation, training and services for structure determination of macromolecular molecules using single crystal X-ray diffraction and/or cryo-EM Single Particle Analysis (SPA). Instrumentation is available for initial crystallization trials, optimization of crystallization, single crystal X-ray diffraction and data collection at synchrotron radiation facilities, as well as electron microscopy grid preparation for cryo-EM (SPA), screening and data collection using a Thermo Scientific Tundra Cryo-TEM and assistance for data collection at national laboratories.

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

**Keywords:** ABRF, structure determination, macromolecular molecules, single crystal X-ray diffraction, cryo-EM Single Particle Analysis,

**Funding:** NIH P20GM103640;  
NIH P30GM145423;  
NSF 0922269

**Resource Name:** University of Oklahoma Biomolecular Structure Core Facility

**Resource ID:** SCR\_028074

**Alternate IDs:** ABRF\_5821

**Alternate URLs:** [https://coremarketplace.org/RRID:SCR\\_028074/?citation=1](https://coremarketplace.org/RRID:SCR_028074/?citation=1)

**Record Creation Time:** 20260312T071658+0000

**Record Last Update:** 20260731T043253+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Oklahoma Biomolecular Structure Core Facility.

No alerts have been found for University of Oklahoma Biomolecular Structure Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.