

Resource Summary Report

Generated by SPARC SAWG on Sep 13, 2026

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: access service resource, core facility, 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

Record Creation Time: 20260312T071658+0000

Record Last Update: 20260912T200543+0000

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.

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 [SPARC SAWG](#) .

Gao R, et al. (2026) Constitutive activation of a hybrid two-component regulator reveals cross-regulation of polysaccharide utilization genes in Bacteroides. The Journal of biological chemistry, 302(7), 113195.