

Resource Summary Report

Generated by T1D on Sep 20, 2026

Macromolecular Crystallography Research Resource

RRID:SCR_001442

Type: Tool

Proper Citation

Macromolecular Crystallography Research Resource (RRID:SCR_001442)

Resource Information

URL: <http://www.px.nsls.bnl.gov/>

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Description: Biomedical technology research center that creates optimal facilities and environments and support for macromolecular structure determination by synchrotron X-ray diffraction at the National Synchrotron Light Source for the benefit of outside and in-house investigators. The PXRR innovates new access modes such as Mail-in crystallography, builds new facilities, currently on the X25 undulator, advances automation, develops remote participation software, collaborates with outside groups, teaches novice users, and supports visiting investigators with 7-day, 20-hours staff coverage.

Abbreviations: PXRR, PXRR at the NSLS

Synonyms: Macromolecular Crystallography Research Resource at the NSLS, Macromolecular Crystallography Research Resource at the National Synchrotron Light Source, Research Resource for Macromolecular Crystallography at the National Synchrotron Light Source

Resource Type: access service resource, analysis service resource, biomedical technology research center, production service resource, service resource, training resource

Keywords: protein crystallography, macromolecule, structure, structure determination, synchrotron x-ray diffraction, crystallography, microspectrophotometry, structural biology technology center, beamline

Funding: NCI 2P30CA023168-21

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Macromolecular Crystallography Research Resource

Resource ID: SCR_001442

Alternate IDs: nlx_152667

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260919T194941+0000

Ratings and Alerts

No rating or validation information has been found for Macromolecular Crystallography Research Resource.

No alerts have been found for Macromolecular Crystallography Research Resource.

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 [T1D](#).

Orkwis JA, et al. (2026) Helminth proteins recapitulate key structural motifs of MIF to facilitate immunomodulation of host receptors. iScience, 29(7), 116513.

Sweet RM, et al. (2010) RapiData: a practical course in macromolecular X-ray diffraction data measurement and structure solving at the NSLS. Journal of applied crystallography, 43(Pt 5), 1238.