

# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 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/>

**Proper Citation:** Macromolecular Crystallography Research Resource (RRID:SCR\_001442)

**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, production service resource, service resource, biomedical technology research center, 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:** 20260811T043125+0000

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## 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.