

Resource Summary Report

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ISU Macromolecular X-ray Crystallography Facility

RRID:SCR_011028

Type: Tool

Proper Citation

ISU Macromolecular X-ray Crystallography Facility (RRID:SCR_011028)

Resource Information

URL: <http://www.scienceexchange.com/facilities/macromolecular-x-ray-crystallography-facility-isu>

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Description: The Macromolecular X-ray Crystallography Facility at Iowa State University provides a Rigaku/MSC rotating anode generator for single crystal X-ray diffraction studies, training in crystallography techniques, and a computer lab equipped with crystallography software. Facility services are provided on a fee basis and include consultation on protein purification, crystallization, and crystal optimization, as well as assistance with crystal screening, data collection, data processing, and structure determination and analysis. The following outline is used for general planning of a crystallography project: Protein purification: concentrated protein > 95% pure
Crystallization: 3D, mountable crystals
Crystal screening: search for high quality, high resolution crystals
Data collection: using facility or synchrotron equipment
Structure determination: processing, phasing, refinement, modeling, analysis, deposition

Abbreviations: ISU Macromolecular X-ray Crystallography Facility

Synonyms: Idaho State University Macromolecular X-ray Crystallography Facility

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

Resource Name: ISU Macromolecular X-ray Crystallography Facility

Resource ID: SCR_011028

Alternate IDs: SciEx_9664

Record Creation Time: 20220129T080302+0000

Record Last Update: 20260731T042840+0000

Ratings and Alerts

No rating or validation information has been found for ISU Macromolecular X-ray Crystallography Facility.

No alerts have been found for ISU Macromolecular X-ray Crystallography Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.