

FLORIDA STATE UNIVERSITY IMB CORE FACILITIES

FSU IMB X-Ray Crystallography Facility

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FSU IMB X-Ray Crystallography Facility

www.sb.fsu.edu/facilities/x-ray-facility

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R-Axis IV++ IP
Home X-Ray Source



Third Generation
Synchrotron X-Rays



Automated 96-well
Crystallization Robot

Core:

The x-ray crystallography facility at the Institute of Molecular Biophysics provides the instrument and expertise for collecting x-ray diffraction data from macromolecular single crystals. It is a Campus-wide Core available to those who want to find the atomic details of macromolecules and their complexes. The Facility also enables the synchrotron x-ray data collection at Advanced Photon Source at Argonne, IL. Macromolecular crystallization screening services using ARI Crystal Gryphon robot are offered to those who want to try to crystallize their macromolecule for the first time and optimize it to grow crystals suitable for single crystal x-ray diffraction.

Services:

- Home X-Ray Source Data Collection
- Synchrotron X-Ray Data Collection
- Mail-in Synchrotron Data collection:
- Protein Crystal Screening