

Resource Summary Report

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Scripps Research Institute - Florida X ray Crystallography Core Facility

RRID:SCR_017835

Type: Tool

Proper Citation

Scripps Research Institute - Florida X ray Crystallography Core Facility
(RRID:SCR_017835)

Resource Information

URL: <http://www.scripps.edu/florida/technologies/xray/contacts.html>

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Description: Core provides equipment and resources for crystallographic analysis of target macromolecules and small inorganic or organic molecules. Performs crystallization, X-ray diffraction data collection (both in-house and synchrotron sources) processing, phasing, crystallographic refinement, model building, and visualization. Structural data provide information including biological functions, 3D-folding, ligand binding (small molecule or protein), or mutational effect of target macromolecules. Services include Crystallization Screening; Data Collection Service: Diffraction experiments will be performed at in-house X-ray facility as well as synchrotron beam lines; Structure Determination and Analysis: complete data set collected at home or synchrotron will be processed for inorganic, organic, protein or nucleic acid structure determination, model building and crystallographic refinement. Other Structural Biology Related Services: core facility offers thorough analysis of macromolecular structure for publication or grant applications, also provides computational experiments such as homology modeling and in silico ligand docking.

Synonyms: Macromolecular X-ray Crystallography Core facility

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

Keywords: Equipment, crystallographic, analysis, target, organic, inorganic, molecule, crystallization, x-ray, diffraction, data, collection, processing, phasing, model, building, visualization, screening, silico, ligand, docking, service, core, ABRF

Resource Name: Scripps Research Institute - Florida X ray Crystallography Core Facility

Resource ID: SCR_017835

Alternate IDs: ABRF_620

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260812T044336+0000

Ratings and Alerts

No rating or validation information has been found for Scripps Research Institute - Florida X ray Crystallography Core Facility.

No alerts have been found for Scripps Research Institute - Florida X ray Crystallography Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.