

# Resource Summary Report

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## Scripps Research Institute - Florida X ray Crystallography Core Facility

RRID:SCR\_017835

Type: Tool

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### Proper Citation

Scripps Research Institute - Florida X ray Crystallography Core Facility  
(RRID:SCR\_017835)

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### Resource Information

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

**Proper Citation:** Scripps Research Institute - Florida X ray Crystallography Core Facility  
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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:** access service resource, core facility, 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:** 20260829T183315+0000

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## 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.