

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

SSRL Structural Molecular Biology

RRID:SCR_009000

Type: Tool

Proper Citation

SSRL Structural Molecular Biology (RRID:SCR_009000)

Resource Information

URL: <http://www-ssrl.slac.stanford.edu/content/science/ssrl-smb-program>

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Description: Biomedical technology research center that operates as a integrated center with three primary areas (or cores) of technological research and development and scientific focus: macromolecular crystallography (MC), X-ray absorption spectroscopy (XAS) and small-angle X-ray scattering/diffraction (SAXS) . Central to the core technological developments in all three areas is the development and utilization of improved detectors and instrumentation, especially to be able to take maximum advantage of the high brightness of SSRL's third-generation synchrotron X-ray storage ring (SPEAR3). A primary focus is the use of enhanced computing and data management tools to provide more user-friendly, real-time and on-line instrumentation control, including full remote access for crystallography, data reduction and analysis.

Abbreviations: SSRL SMB

Synonyms: Stanford Synchrotron Radiation Lightsource Structural Molecular Biology, Synchrotron Radiation Structural Biology Resource

Resource Type: biomedical technology research center, training resource

Keywords: synchrotron, radiation, structural biology, structural biology technology center, macromolecular crystallography, x-ray absorption spectroscopy, small-angle x-ray scattering, diffraction

Funding: DOE ;
NIGMS ;
NCRR P41RR001209

Resource Name: SSRL Structural Molecular Biology

Resource ID: SCR_009000

Alternate IDs: nlx_152676

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260912T200318+0000

Ratings and Alerts

No rating or validation information has been found for SSRL Structural Molecular Biology.

No alerts have been found for SSRL Structural Molecular Biology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Fradkin JE, et al. (2013) Diabetes research: a perspective from the National Institute of Diabetes and Digestive and Kidney Diseases. Diabetes, 62(2), 320.