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Recent Advances of the Center for Structural Molecular Biology

The Center for Structural Molecular Biology (CSMB) at Oak Ridge National Laboratory (ORNL) is a national user facility funded to support and develop the user access and science research program of the Biological Small-Angle Neutron Scattering (Bio-SANS) instrument at the High Flux Isotope Reactor (HFIR) dedicated to the analysis of the structure, function and dynamics of complex biological systems and the Bio-Deuteration Laboratory for expression and purification of deuterium labeled biomacromolecules and for synthesis of small molecules and ligands in support of the biology neutron scattering program. This resource complements capabilities at other Department of Energy (DOE) Office of Biological and Environmental Research (OBER) facilities for structural biology. The CSMB supports a vibrant biological research community from academia, industry, and government laboratories.

Topical Area

Biology and life sciences

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