

Resource Summary Report

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Texas University Health Science Center at San Antonio Biomolecular NMR Core Facility

RRID:SCR_017775

Type: Tool

Proper Citation

Texas University Health Science Center at San Antonio Biomolecular NMR Core Facility
(RRID:SCR_017775)

Resource Information

URL: <http://nmr.uthscsa.edu/contact.shtml>

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Description: Core offers high field NMR instrumentation for structural studies of biological macromolecules. Instrumentation includes four-channel Bruker Avance 500, 600, and 700 MHz NMR spectrometers, ultra high sensitivity 5mm 1H-13C-15N triple-resonance cold probe for 600 MHz spectrometers. Service include acquisition and analysis of required spectra for elucidation of small molecule structures (includes synthetic molecules, natural products, cofactors, lipids, and short peptides (30 amino acids or less)). Types of projects conducted collaboratively include determination of three-dimensional structures of biological macromolecules, including proteins and nucleic acids, both alone and as complexes with various ligands.

Synonyms: Biomolecular NMR Core

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

Keywords: Biomolecular, NMR, structural, study, macromolecule, spectrometry, acquisition, analysis, spectra, small, molecule, structure, lipid, peptide, cofactor, protein, nucleic acid, ligand, service, core

Funding: Houston Endowment ;
NIH National Center for Research Resources ;
U. Texas Permanant University Fund ;
User Fees ;
UT Health San Antonio Children Cancer Research Center ;
UT Health San Antonio Core Facilities Committee ;
UT Health San Antonio MD Anderson Cancer Center

Resource Name: Texas University Health Science Center at San Antonio Biomolecular NMR Core Facility

Resource ID: SCR_017775

Alternate IDs: ABRF_353

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Ratings and Alerts

No rating or validation information has been found for Texas University Health Science Center at San Antonio Biomolecular NMR Core Facility.

No alerts have been found for Texas University Health Science Center at San Antonio Biomolecular NMR Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.