

Resource Summary Report

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Kansas University Lawrence Biomolecular NMR Laboratory Core Facility

RRID:SCR_018671

Type: Tool

Proper Citation

Kansas University Lawrence Biomolecular NMR Laboratory Core Facility
(RRID:SCR_018671)

Resource Information

URL: <http://psf.cobre.ku.edu/cores/bnmrl/about>

Proper Citation: Kansas University Lawrence Biomolecular NMR Laboratory Core Facility
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Description: NMR Laboratory maintains two high field NMR spectrometers in support of structural and dynamics studies of biomolecules. Its capabilities include determining high resolution structures, biological macromolecules, elucidation and structural mapping of protein-protein, protein-nucleic acid, protein-peptide, protein-drug interactions, and studies of dynamics of proteins and their complexes in solution. Laboratory staff provide advice, consultation, training, assistance and complete structure elucidation services. Staff is responsible for maintenance, upgrades, implementation of new NMR pulse sequences, and assisting local and remote users with technical problems. Equipped with Bruker Avance 800 MHz NMR instrument fitted with TCI cryoprobe and Bruker Avance III 600 MHz with variety of probes.

Synonyms: Biomolecular NMR Laboratory, Bio-NMR Laboratory, COBRE Biomolecular NMR Laboratory, Kansas University Lawrence Bio-NMR Laboratory

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

Keywords: USEDit, NMR spectrometer, high resolution structure, biological macromolecule, structural mapping, protein, nucleic acid, peptide, drug, molecule interaction, consultation, training, ABRF

Availability: Open

Resource Name: Kansas University Lawrence Biomolecular NMR Laboratory Core Facility

Resource ID: SCR_018671

Alternate IDs: ABRF_251

Alternate URLs: <https://coremarketplace.org/?FacilityID=251>

Record Creation Time: 20220129T080341+0000

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Ratings and Alerts

No rating or validation information has been found for Kansas University Lawrence Biomolecular NMR Laboratory Core Facility.

No alerts have been found for Kansas University Lawrence Biomolecular NMR Laboratory Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.