

# Resource Summary Report

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## National Magnetic Resonance Facility at Madison

RRID:SCR\_001449

Type: Tool

### Proper Citation

National Magnetic Resonance Facility at Madison (RRID:SCR\_001449)

### Resource Information

**URL:** <http://www.nmrfam.wisc.edu/>

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**Description:** Provides access and develops NMR technology to advance range of applications and improves the efficiency, rigor and reproducibility of NMR data acquisition and analysis. Houses NMR spectrometers equipped with state-of-the-art probe technology and protocols to support acquisition of high-quality data. Spectrometers range from 500 MHz to 1100 MHz. Service is tailored to the needs of individual users and projects. Provides training and advice on experimental design, best practices for data acquisition, and data analysis. Experienced staff support users with training opportunities including workshops, video tutorials and protocols.

**Abbreviations:** NMRFAM

**Resource Type:** training resource, service resource, access service resource

**Keywords:** nmr spectrometer, structure, function, protein, rna, dynamics, complex, membrane protein, paramagnetic protein, metabolomics, analysis, spectroscopy, nucleic acid, automation, data analysis, macromolecule, small angle x-ray scattering, structural biology technology center

**Funding:** NIGMS R24GM141526;  
NIGMS P41136463

**Availability:** Free, Freely Available

**Resource Name:** National Magnetic Resonance Facility at Madison

**Resource ID:** SCR\_001449

**Alternate IDs:** nlx\_152672

**Record Creation Time:** 20220129T080207+0000

## Ratings and Alerts

No rating or validation information has been found for National Magnetic Resonance Facility at Madison.

No alerts have been found for National Magnetic Resonance Facility at Madison.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Pantouris G, et al. (2020) Regulation of MIF Enzymatic Activity by an Allosteric Site at the Central Solvent Channel. Cell chemical biology, 27(6), 740.

Ting SY, et al. (2017) Dual interaction of scaffold protein Tim44 of mitochondrial import motor with channel-forming translocase subunit Tim23. eLife, 6.

Reiter NJ, et al. (2008) DNA mimicry by a high-affinity anti-NF-kappaB RNA aptamer. Nucleic acids research, 36(4), 1227.

Venditti V, et al. (2008) Measuring the dynamic surface accessibility of RNA with the small paramagnetic molecule TEMPOL. Nucleic acids research, 36(4), e20.