

NUCLEAR MAGNETIC RESONANCE CENTER

CIBR: Center for Innovative Biomedical Resources

CORE INSTRUMENTATION

- 600 MHz Bruker Avance III NMR Spectrometer with TCI cryoprobe
- 800 MHz Bruker Avance Spectrometer with TXI cryoprobe and BACS 60 automatic sample changer
- 950 MHz Bruker Avance III Spectrometer with TCI cryoprobe



MISSION

The objective of the UMB NMR Center is to promote the use of nuclear magnetic resonance spectroscopy for use in ongoing and new research projects at the University of Maryland School of Medicine.

CORE SERVICES

We offer assistance and training for:

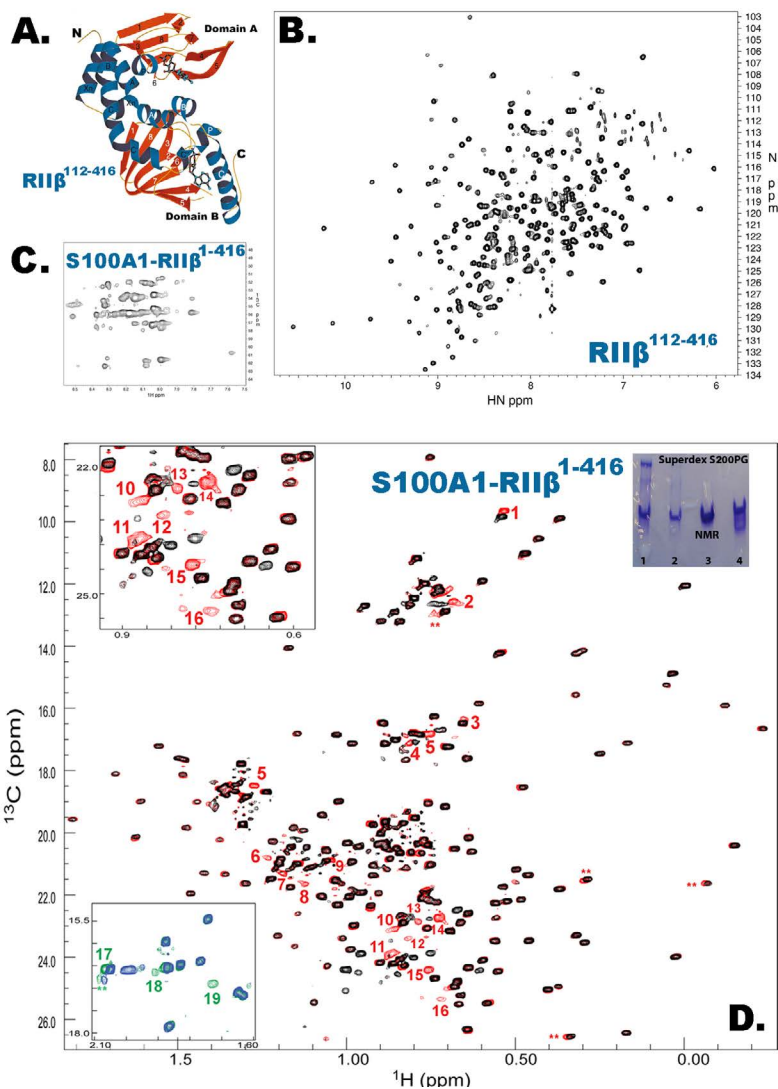
- Collecting NMR data
- Processing NMR data
- Analysis of NMR data

ADDITIONAL CORE SERVICES

- Linux and Apple workstation access for data processing and analysis
- Lab space for sample handling
- Assistance with NMR-related computer software including Bruker Topspin, NMRView, nmrPipe, nmrDraw, xplor-NIH, and several others

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