

Research Investigator, Bristol-Myers Squibb, Wallingford, CT

The Department of Bioanalytical and Discovery Analytical Sciences (BDAS), Pharmaceutical Candidate Optimization, Bristol-Myers Squibb is seeking a Research Investigator to join its Nuclear Magnetic Resonance (NMR) group in Wallingford, Connecticut.

The successful candidate will be part of a team collaborating with medicinal chemistry and other multidisciplinary groups in the drug discovery arena and will have the following responsibilities:

NMR instrument troubleshooting, maintenance, upgrade, data management and user training.

Provide support to drug discovery and pre-clinical compound characterization by applying NMR technique to structure characterization of synthetic compounds, metabolites, degradants and impurities.

Develop, validate and implement new NMR experiments for research and hands-on NMR spectrometers to enhance structure determination capability.

Evaluate, develop and implement new NMR technology, including software, platform, probe, automation, sample preparation and pulse sequence implementation.

Collaborate with other BDAS group members, including separations, mass spectrometry and bioanalytical chemistry for targeted problem solving and innovation.

Prepare reports for collaborators and contribute to analytical sections of Departmental reports.

- Keep abreast of new science in NMR spectroscopy, automation and related technologies.

Requirements:

Ph.D. in analytical chemistry, physical chemistry or a related field with 0-4 years pharmaceutical industry experience, or MS with 5-10 years of relevant experience, or BS with a minimum of 10 years of relevant experience, preferably in a discovery setting.

- Strong background in NMR theory, physical and organic chemistry.

- In-depth understanding of all aspects of NMR analysis.

- Knowledge of multiple NMR platforms (Varian and Bruker).

- Good troubleshooting skills in both hardware and software.

- Strong structure elucidation skills. Should be able to independently work with collaborators on structure determination problems.

- Good working knowledge of common desktop NMR processing and prediction software.

- Strong oral and written communication skills.

- Ability to work effectively in a team-based environment and within time constraints. This position requires the employee to work with or come in contact with chemical, physical (radiation, noise, etc.) or biological agents which may pose health or safety hazards if improperly handled. Note: This does not apply to office environment.

To Apply:

Please follow this link: <http://jobs.bms.com/job/RESEARCH-INVESTIGATOR-JOB/1388560/>