



**NMR SENIOR RESEARCH SCIENTIST**  
**Bedford, MA**

Beryllium Discovery Corp. provides innovative solutions and insightful strategies in structural and cell biology in order to advance scientific discovery and enable our customers to perform novel drug discovery. Our teams support leading pharmaceutical, biotechnology and research institutions.

Our Bedford, MA facility has an opening for a talented NMR spectroscopist, with a broad range of experience to join the Biophysics group as part of the drug discovery program. This Senior Research Scientist will independently execute NMR-based research programs, conduct biophysical scientific studies and provide support for these efforts.

The Senior Research Scientist will be involved in the daily operation of the NMR lab and be responsible for coordinating research efforts for Beryllium and its clients. The individual will be expected to evaluate new techniques and implement novel biophysical assays while maintaining a strong emphasis on delivering critical project needs. There will be close collaborations with structural biologists and functional biologists where the individual will serve as a representative for fragment-based lead discovery and/or biophysical methods within multi-disciplinary projects. The candidate should have a solid understanding of the progression of small molecule drug discovery programs from early stage lead finding, lead validation, lead optimization to candidate selection.

**Responsibilities:**

- Management of Bruker instrument with HCN cryoprobe and SampleJet autosampler;
- Conduct fragment/ligand-based screens and SAR to early stage research and discovery programs;
- Conduct Protein-based screens and SAR to early stage research and discovery programs;
- Management of research projects in a team setting and communication of research results to Project Managers and Beryllium clients;
- Small molecule structure determination, QA/QC and data management for small molecule ligand collection;
- Management of libraries for high throughput fragment screening;
- Implementation of state-of-the-art NMR methods and strategies with a willingness to develop new techniques/protocols as needed in support of client solutions;
- Maintain state-of-the art knowledge and contribute to the field with scientific publications and conference presentations.

**Experience:**

- PhD in a relevant scientific discipline (Physical/Biophysical/Organic Chemistry/Structural Biology);
- At least 5 years industrial experience in NMR of small molecules, nucleic acids, peptides and proteins, with an emphasis in fragment based drug discovery;
- Expert knowledge and application of current NMR screening techniques, small molecule NMR and QC, library design, automation and analysis of high-throughput NMR data sets;
- Proficiency with NMR software applications;
- Strong, communication and interpersonal skills essential for building and developing strong scientific collaborations as demonstrated through peer-reviewed scientific publications and successful collaborative research endeavors.

We offer a competitive compensation and benefits package including 401k, health benefits and vacation. Qualified candidates should send a resume and cover letter to [jobs@be4.com](mailto:jobs@be4.com).

As an equal opportunity employer, Beryllium Discovery Corp. will consider all qualified applications for employment. EOE AA M/F/Vet/Disability.

Please visit our website: [www.be4.com](http://www.be4.com)