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Proteomics Research scientist (BS or MS)

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| Job ID | 235021BR |
| Position Title | Proteomics Research scientist (BS or MS) |

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Job Description

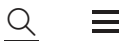
The Analytical Sciences & Imaging Department is looking for a highly motivated scientist with experience in protein mass spectrometry/quantitative proteomics to be part of a protein analytics and proteomics team committed to the support of innovative drug discovery efforts.

The successful candidate will work in a matrix team environment, performing LC/MS based proteomics experiments to answer key scientific questions from NIBR project teams.

This candidate will be responsible for independently conducting his/her own experiments from sample preparation, LC-MS/MS, to data analysis, interpretation, and presentation. We are looking for a candidate with strong technical, organizational skills, and a strong collaborative spirit.

EEO Statement

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Minimum requirements

Qualified candidates will possess a M.S. degree (or B.S. with equivalent experience) in analytical chemistry, biology, or related field with at least 3 years of working experience of protein mass spectrometry and proteomics.

Minimum requirements:

- A master degree in biology, analytical chemistry, or related field with 3+ year experience (or equivalent) in protein mass spectrometry and proteomics including, but not limited to the following key areas: quantitative proteomics (isotopic labeling and label free), protein post-

translational modification analysis, protein-protein-interaction analysis, and targeted mass spec analysis.

- Demonstrated expertise in multi-dimensional LC fractionation and high-throughput quantitative proteomics. Experience in protein isolation from cells, tissues, and biofluids; immuno- or chemical- affinity enrichment to selectively enrich proteins from complex biological samples. Familiarity with general biochemical skills (SDS page, Western blotting). Extensive hands-on experience in developing and performing proteomics experiments, nano LC-MS/MS, and analysis and interpretation of LC-MS/MS data using public and commercially available software. Expertise and experience in executing multiplexed TMT-based experiments, with the use of Thermo instrumentation and Proteome Discoverer.
- Ability to translate biologists/project team's scientific questions into analytical strategies and methods. Critical and independent thinking. Strong analytical and problem solving skills.
- Excellent oral and written communication and interpersonal skills to work in a collaborative, matrix team. Enthusiastic to participate in multiple collaborative projects in cross-functional, multi-disciplinary environment.

Additional, highly desirable qualifications:

- Experience in cell culture and molecular biology
- Solid foundation in statistics, proteomics bioinformatics software, and mass spectrometry database search algorithms
- Experience with automation and liquid handling systems
- Broad interest in technology development

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| Division | NIBR |
| Business Unit | Biotherapeutic and Analytical Technologies - NIBR |
| Location | USA |
| Site | Cambridge, MA |
| Company/Legal Entity | NIBRI |
| Functional Area | Research & Development |
| Job Type | Full Time |
| Employment Type | Regular |

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