Job Description

Senior Scientist I, Bioanalytical Scientist

Description

We are seeking a highly skilled and motivated scientist to join the Discovery Chemistry and Technologies (DCAT) organization in AbbVie's Drug Discovery organization. DCAT is an interdisciplinary organization focused on discovering and applying new approaches to address disease-relevant, biological questions. The successful candidate will have a broad background in the biological sciences, strong hands-on biochemistry skills, and exposure to various bioanalytical methods. Experience in mass spectrometry, statistics, information sciences, and data visualization will be a plus. The candidate will work in cross-functional teams to address analytical challenges associated with the measurement of both small and large molecules in complex matrices. The candidate is expected to integrate analytical results with other data-streams to enhance understanding of biology and is expected to be open to learn new skills as needed to enhance team deliverables.

Responsibilities:

- Develop and optimize new strategies to process cellular and tissue samples for analysis by Liquid Chromatography/Mass Spectrometry (LC/MS)
- Operate, maintain, and develop qualitative and quantitative LC/MS/MS methods on mass spectrometers
- Process, interpret, and visualize data to facilitate project team decisions
- Implement techniques and technologies outside field of expertise to enhance research deliverables
- Work and communicate effectively as a team across functional boundaries in a dynamic, fast-paced and highly matrixed environment
- Prepare written summaries of experimental results and verbally present in team meetings
- Regularly present and publish work in high level journals and conferences

Equal Opportunity Employer Minorities/Women/Veterans/Disabled

Qualifications

Basic:

- PhD in Analytical Chemistry, Biochemistry or closely related life science discipline with 0+ years of post-doctoral experience
- Demonstrated skills in handling and preparation of biological samples. Experience in a variety of biochemical methods.
- Demonstrated skills in separations and in LC/MS methods.
- Demonstrated use of a range of bioinformatic software and downstream data analysis techniques
- Effective verbal and written communication skills and a track record of cross-disciplinary collaboration
- Can-do attitude/team-oriented/open to tackle new challenges
- Strong work ethic and contribution via lab-based activities
- High attention to detail, creativity in problem-solving, strong interpersonal skills and proven ability to successfully work independently and as part of teams
Preferred:

- Experience with Thermo mass spectrometer instrumentation
- Strong fundamental knowledge in biology, specifically relating to proteomic and metabolomics interpretation, and the desire to expand biological expertise through analytical measurements
- Ability to program and apply statistical methods to the treatment of complex analytical data
- Knowledge and expertise in informatics to contextualize complex proteomic or metabolomic datasets
- Experience with nanoflow LC/MS

Key Leadership Competencies:

- Builds strong relationships with peers and cross functionally with partners outside of team to enable higher performance
- Learns fast, grasps the 'essence' and can change the course quickly where indicated
- Raises the bar and is never satisfied with the status quo
- Creates a learning environment, open to suggestions and experimentation for improvement
- Embraces the ideas of others, nurtures and manages innovation to reality

Significant Work Activities and Conditions

Continuous sitting for prolonged periods (more than 2 consecutive hours in an 8 hour day), Continuous standing for prolonged periods (more than 2 consecutive hours in an 8 hour day)