Scientist, Mass Spectrometry - Trace Quantitation and Structure Elucidation Chemist

At Bristol Myers Squibb, we are inspired by a single vision - transforming patients' lives through science in oncology, hematology, immunology, and cardiovascular disease - and one of the most diverse and promising pipelines in the industry - each of our passionate colleagues contribute to innovations that drive meaningful change. We bring a human touch to every treatment we pioneer. Join us and make a difference.

Position Description

The analytical team of the Chemical Process Development Department is looking for a Mass Spectrometry specialist to join the Isolation and Structure Elucidation (ISE) group located at our New Brunswick, NJ campus. The ISE team is responsible for solving complex problems using high-resolution MS and NMR to characterize both small molecule compounds and biologic therapeutics. The group supports pharmaceutical development and commercial teams with problem solving for both process and formulation development.

The successful candidate will be responsible for developing and running methods capable of trace-level, quantitative analysis of impurities in drug substance and product using innovative and robust LC/high-resolution mass spectrometry workflows. In addition, this role will require the application of high-resolution MS and MS/MS to structurally characterize impurities and degradants in both drug substance and product (small molecule portfolio). The successful candidate will also have opportunities to contribute to the characterization of biologics in support of formulation development efforts. Involvement with instrument maintenance and user training for the departmental open access HRMS system will also be part of the successful candidate’s job profile. Ability to learn other techniques and to grow as a more complete structure elucidation scientist is desired.

The successful candidate will have a passion for solving challenging analytical problems with an ability to provide focused written communication and oral presentations that highlight the impact and innovation of their work. The individual will be required to influence scientists and initiatives that improve efficiency, productivity, and evolution of our structure elucidation capabilities, routinely engage in active discussions within team meetings, and deliver high quality data within timelines. Collaboration with other subject matter experts will be essential to continually develop project knowledge, meet project goals, and enable capabilities within the department.

Qualifications

- Ph.D. in chemistry or a related discipline with 0-2 years post Ph.D. experience
• Solid understanding and application of mass spectrometry to quantitate trace-level compounds in complex matrices
• Proficient in the interpretation of MS and MS/MS data to qualitatively determine chemical structures of small molecules
• Excellent oral and written communication skills, problem solving ability and leadership skills
• Familiarity with the operation of Thermo Fisher Scientific mass spectrometers and analysis using Xcalibur™ software is highly desirable

Bristol-Myers Squibb is an equal opportunity employer - Minorities/Females/Protected Veterans/Disabled

Primary Location: US - New Brunswick, NJ