

Senior Scientist, Analytical Chemistry

Job ID 4762163

Groton, CT

A Senior Scientist in Analytical Research and Development plays an important role during all phases of pharmaceutical development. The qualified candidate will take an active role by leading the analytical development strategies and performing lab work for new drug candidates. The candidate will work with cross-functional development teams and apply a variety of analytical methodologies to support physical and chemical characterization of drug products. The candidate should be proficient with a breadth of analytical methodologies (e.g. chromatography, dissolution, IR spectroscopy, mass spectrometry, particle size analysis and NMR), with expertise in one or more techniques.

ROLE RESPONSIBILITIES

As a project analyst, the candidate will be responsible for developing analytical strategies in support of pharmaceutical drug products during all development phases, including supporting manufacturing process development, developing, validating and transferring analytical methods, designing stability studies for shelf life assignments, and developing impurity control strategies.

Works with colleagues and subject matter experts to assess the most appropriate analytical approach to support project activities, including use of computational predictive tools, modelling software and data visualisation tools where appropriate.

The candidate will perform lab work and may direct or review the lab work of other scientists.

The role requires effective communication and collaboration with multidisciplinary team members, including presenting data at team meetings and active involvement in solving technical challenges that arise during development.

The candidate must be able to collaborate with and mentor peers as well as effectively interact with leaders.

The candidate will author relevant sections of global regulatory submissions in support of new drug approvals. They will also prepare technical reports, critically review data, and may evaluate new instrumentation and analytical techniques/approaches.

Attention to detail, strong organizational skills, the ability to multitask, and effective interpersonal and communication skills are required

QUALIFICATIONS

Ph.D in Analytical Chemistry or related field, with 0+ years of relevant industry experience
Demonstrated ability to meet timelines with minimal supervision and interact with multi-disciplinary teams

The ability to use computational predictive tools, modelling software or data visualisation tools

Demonstrated ability to learn new techniques and solve complex analytical problems

Demonstrated oral and written communication skills, including visualization of data and drafting reports

Experience with a wide-variety of software and information systems

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