Associate Scientist/Scientist Analytical

Synthorx, a Sanofi company, is a biopharmaceutical company dedicated to delivering new biologic medicines to patients suffering from cancer and autoimmune disorders. Synthorx is applying a revolutionary technology based on an expanded DNA code to create breakthrough protein-based medicines. We are hiring an Associate Scientist or Scientist with a strong background in biologics characterization to join the analytical team supporting R&D programs. The successful candidate has a proven track record in analytical method development and deep understanding of technologies for characterization of protein therapeutics. We are seeking a highly driven, self-starting, independent and collaborative individual who can operate at a fast pace to meet aggressive timelines.

Key Responsibilities:

- Independently designs, develops and implements, analytical assays in support of R&D activities.
- Develops analytical assays for characterization of protein biologics. Assays include chromatography e.g. SEC, RP, IEX, and CE-SDS and cIEF techniques etc.
- Performs assay development and optimization for titer and protein purity; carries out assays as needed to meet critical timelines.
- Develops LC-MS/MS assays for characterization of pegylated proteins. This includes primary sequence confirmation and PTMs identification (peptide mapping) and relative quantitation.
- Troubleshoots challenging technical, experimental, and instrument issues. Technical troubleshooting for chromatographic, sample prep and LC-MS methodologies.
- Manage priority, plan experiments, conduct analysis, processes and reviews data.
- Authors protocols, transfers assays, and oversees execution and qualification at CROs and CDMOs.
- Report results to internal teams and external partners and supports regulatory filings.
- Supervise, train and mentor junior staff and provide insight and technical expertise for project progression.

Required:

- Ph.D. in analytical chemistry or related disciplines, M.S. degree in chemistry/biochemistry or related field with 5+ years of relevant experience or a B.S./M.S. degree with at least 8 years of experience in pharmaceutical industry.
- Proven ability to think critically and creatively to identify and solve analytical assay development challenges.
- Strong subject matter expertise in analytical techniques including chromatography techniques, mass spectrometry, and data analysis.
• Consummate ability to work in a highly collaborative, fast-paced, cross-functional environment with superior oral and written communication skills.
• Proven expertise with technologies for qualitative and quantitative analysis of therapeutic proteins.
• Excellent organizational skills, attention to detail and the ability to work independently and within a multi-disciplinary environment as well as with external partners.
• Strong interpersonal skills to thrive in a team environment.
• Have excellent oral and written communication skills; communicates through clear, concise reporting and by maintaining high quality, accurate electronic scientific notebook records.
• Proven track record of success in anticipating and managing issues in a proactive fashion.
• Ability to work efficiently in a fast-paced environment to meet aggressive deadlines is a must.
• Experience taking on leadership roles through direct or indirect management or mentoring associates.

Additional preferred skills:

• Basic understanding of cancer and/or immuno-biology
• Familiar with protein expression and purification
• While work environment is non-GLP (discovery stage) a basic knowledge of regulated bioanalysis in GLP and/or GMP environment is a plus.