Associate Scientist/Scientist – Bioassay and Analytical Development

Synthorx, a Sanofi Company, is a biotechnology company employing a novel synthetic biology platform for the discovery and development of transformational protein therapeutics for the treatment of cancer and autoimmune disorders. We are hiring an Associate Scientist or Scientist (commensurate with qualifications) with experience in bioassays and protein analytics to join the CMC team to advance drug candidates through clinical development. The qualified candidate will report to the Associate Director of Analytics and Bioassay Development.

Key responsibilities:
- Develop cell-based in vitro assays with minimal supervision and assist in and/or lead assay optimization and technology transfer to CROs
- Participate in and/or lead assay development and carry out protein-based assays, e.g. ELISA, Western, Gel Electrophoresis to determine drug candidate activity, identity and purity in support of CMC activities
- Perform assay evaluation for range, linearity, precision, accuracy, and LOQ, etc. in accordance with ICH and FDA guidelines
- Participate in comparability studies and support process characterization and/or validation
- Extensive knowledge and hands-on experience with various methods and instrument e.g. plate reader, UV-VIS spectrophotometer, flow cytometer, etc.
- Experience in Host Cell Proteins (HCPs) and residual DNA assays is a plus
- Experience in HPLC methods for test release or stability evaluation is preferred
- Manage priorities, plan experiments, conduct analysis and report results to project teams
- Prepare research reports and presentations for team meetings, and draft laboratory standard operation procedures
- Collaborate with internal teams and provide support to different functional groups as needed

Required:
- Ph.D. in analytical chemistry or related discipline, M.S. degree in chemistry/biochemistry or related filed with 5+ years of relevant experience or a B.S./M.S. degree with at least 8 years of experience in pharmaceutical industry.
- Minimum of 3-4 years’ of bioassay experience
- Ability to follow SOP’s and to perform testing in an accurate and reproducible manner
- Familiarity with ICH, USP and FDA requirements
- Effective problem-solving/troubleshooting skills required
- Ability to work in a fast-paced, team-orientated environment
• Committed to working in a collaborative manner
• Excellent organization skills and ability to multi-task and manage multiple projects
• Must have excellent computer skills; proficiency with Microsoft Excel and PowerPoint required
• Good oral and written communication skills a must
• Ability to effectively and clearly explain results to other team members