

Job Opening: Senior Research Associate, Process Sciences

Theraclone Sciences is a private research and development biotech company located in Seattle, WA (www.theraclone-sciences.com) focused on discovering human monoclonal antibodies for therapeutic or vaccine development using the state-of-the-art I-STAR technology that differentiates from other technologies by its success in isolating rare antibodies from the B cell repertoire.

Job Description:

We are seeking a Senior Research Associate, Process Sciences to conduct analytical and process development in a team-oriented atmosphere. This position works collaboratively with both research and development teams to facilitate the development of methods and procedures suitable for the production of antibodies for use in clinical trials. The Senior Research Associate will also perform routine purification and analyses of antibodies and other proteins. Must possess broad skills in the areas of analytical and process development for the production of therapeutic proteins.

Responsibilities:

- Sets up and performs analyses and purification strategies independently. Consistently demonstrates the ability to exercise technical discretion in the design, execution and interpretation of experiments and studies that contribute to project goals.
- Responsible for identifying new or improved analytical and process methodologies.
- Responsibilities will include maintenance of laboratory equipment and consumables.
- Contributes to technical descriptions for development reports, presentations and regulatory documents.
- May lead a project team.

Qualification Requirements:

- A minimum of 8 years related academic or industry experience in a research/development environment with emphasis on analytical and/or process development.
- Extensive familiarity with high performance liquid chromatography methods for analytical assays of proteins. Methods include size exclusion, affinity, ion exchange and reverse phase. Familiarity with Agilent 1200 and 1050 HPLCs and software or equivalent is desirable.
- Theoretical and practical familiarity with routine analytical assays for protein characterization including SDS-PAGE, Western blotting, concentration assays, isoelectric focusing, spectroscopy (UV/Vis), and ELISA. Ability to understand and interpret more extensive analytical data including those derived from light scattering, mass spectrometry, amino acid analysis and others. Familiarity with methods of assessing real time and accelerated stability of proteins is desirable.
- Theoretical and practical knowledge of protein purification methods including various chromatographic modalities (affinity, ion exchange, multimodal) and filtration methods (depth, tangential flow, sterile). Knowledge of scale-up principles and methods of evaluation (performance qualification, capacity determinations, etc.). Familiarity with automated chromatography workstations and associated software (GE AKTA) is highly desirable.

- Experience with transfer of analytical and process methods to contract manufacturing organizations and authoring analytical test method SOPs, process SOPs and batch records. Practical experience with technology transfer and interactions with contract manufacturing organizations is desirable.
- Knowledge and experience in the correct handling of hazardous substances.
- Demonstrated potential for technical proficiency, scientific creativity, collaboration with others and independent thought.
- Excellent oral and written communication skills.
- Advanced computer proficiency including the use of spreadsheet and word processing software, such as Microsoft Word and Excel.
- Ability to work with co-workers and outside agencies professionally and tactfully.
- Ability to work accurately with close attention to detail.
- BS/BA or MS degree or equivalent in a relevant scientific discipline.

Theraclone offers a team-oriented, stimulating work environment. Competitive compensation, benefits and stock options are offered. Please email your resume with cover letter to careers@theraclone-sciences.com