

Job Description

Job Title : Senior Principal Scientist, Process Engineer- Drug Conjugation
Job Id : 998721
Target Openings : 1
Locations : United States-New York-Pearl River

Organizational Marketing Statement

All over the world, Pfizer colleagues are working together to positively impact health for everyone, everywhere. Each position at Pfizer touches and contributes to the success of our business and our world. That's why, as one of the global leaders in the biopharmaceutical industry, Pfizer is committed to seeking out inspired new talent who share our core values and mission of making the world a healthier place.

Role Description

A Group Leader/ Engineer position is available for a highly motivated and creative candidate to lead a Process Engineering group within the Conjugation and Polytides Process Development (CPPD) department in Bioprocess R&D. CPPD is accountable for the advancement of a diverse portfolio of bio-conjugates, including Antibody Drug Conjugates (ADCs) and conjugate vaccines, as well as synthetic peptide- and oligonucleotide-based candidates. The Process Engineering group provides engineering solutions for unit operations, scale-up, and scale-down for all bio-conjugate processes. The group also supports transfers to pilot and commercial facilities for the production of clinical materials and ensures that scalable processes are developed that are ready for process validation and commercialization. The Group Leader/ Engineer will work closely with other leaders in the CPPD department to develop new technologies and deliver the project portfolio.

Responsibilities

- Develops scalable, robust, efficient, and innovative chemical and biochemical conjugate processes suitable for clinical material production and commercialization.
- Applies rigorous engineering and scientific principles to all aspects of conjugate process development, scale-up and equipment design.
- Supports transfers to pilot and commercial facilities for the production of clinical and commercial materials.
- Supports necessary purification activities to produce drug substances with appropriate quality attributes.
- Develops a staff of approximately 4-5 scientists and engineers, identifies growth opportunities and provides mentoring so that all staff can realize their full potentials.

- Prepares technical reports, contributes to regulatory filings, makes oral presentations to scientists and management, and publishes externally.
- Performs all duties associated with the operation of effective research laboratories, including mentorship of laboratory scientists and engineers.
- Identifies and implements operational efficiency improvements.

Qualifications

Required Education Background, Experience and Skills:

Ph.D. degree (or equivalent) in Chemical/Biochemical Engineering, Biochemistry, Organic Chemistry or related field.

10+ years relevant engineering work experience in Chemical/Biochemical Engineering, or equivalent, including process development, process scale-up, equipment design, technology transfer, and support for process validation and commercial production, preferably within the biopharmaceutical or pharmaceutical industry.

Technical Skills Requirements:

- Sound background in large-scale processing and engineering fundamentals as applied to conjugate processes.
- Demonstrated success in developing scalable, robust and efficient processes for biotherapeutics, vaccines and/or small molecules and a good knowledge of bioprocessing.
- Demonstrated ability to drive for results and lead innovation and change.
- Demonstrated leadership success in both project and people management.
- Collaborative, team oriented leadership and management style essential.
- Experience contributing to regulatory submissions including IND, NDA/BLA, and MAA.
- The successful candidate will possess strong oral and written communication skills.
- Strong analytical and computer skills are required.
- Working knowledge of various modeling techniques including kinetics and computational fluid dynamics is considered a plus.

Equal Employment Opportunity

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