Job Description

Scientist / Engineer, Upstream Process Development

SutroVax Inc.

January 27, 2017

Company Profile:
SutroVax is an independent vaccine platform and development company whose mission is to deliver best-in-class conjugate vaccines and novel complex antigen-based vaccines to prevent deadly infectious diseases. The company is leveraging its exclusive license to Sutro Biopharma's Xpress CF platforms to perform cell-free protein synthesis and site-specific conjugation for the field of vaccines.

Professional Responsibilities:
SutroVax is looking for an energetic and talented individual to lead the Upstream Process function within the Process Development group. The successful candidate would partner with the other members of the PD team, collectively providing rigorous scientific leadership. The successful candidate will be responsible for developing robust, scalable, and cost-effective upstream (cell-free) procedures for the GMP manufacture of early stage clinical trial material. The successful candidate will lead technology transfer activities for processes developed at SutroVax to external CMOs for GMP production. This position will require 60-80% time in the lab. It is expected that the successful candidate will participate in cross-functional project teams. The successful candidate will interface closely with the Research group, write detailed technical reports, make presentations to outside collaborators and senior management, and author internal and external publications.

Skills, knowledge, and experience:

- PhD in Biochemistry or Chemical Engineering, or a related discipline, with 2+ years of industry experience; M.S. with 5+ years of industry experience; or B.S. with 10+ years of industry experience
- In-depth practical experience with and theoretical knowledge of cell free systems
- Ability to optimize expression of proteins, especially difficult to make non-antibody proteins
- Understanding of engineering principles involved in scaling processes from development lab to pilot / manufacturing plant
- Working knowledge of the requirements of GMP manufacturing; hands-on GMP experience a plus
- Experience working with CMOs; ability to effectively transfer processes to CMO, and to oversee development and manufacturing activities performed at CMO; ability to travel to CMO (some international travel required) to perform person-in-plant oversight activities
- Solid understanding of the principals of DoE (Design of Experiments); practical experience with DoE software; proficient in the design and interpretation of statistically-modelled experiments.
- Experience with depth and nominal filtration; experience with tangential flow filtration a plus
- Experience writing IND section(s) a plus
- Demonstrated success working in a cross-functional team environment on multiple projects; ability to work effectively as a member of a team to deliver results
- Strong interpersonal skills, with excellent written and verbal communication skills

Reports to: Vice President, Process Development & Manufacturing

Location: Foster City, CA

Compensation:
The compensation package will be competitive and includes comprehensive benefits and an equity component.

Send resumes to:
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