Research Associate / Assistant Engineer – Downstream Process Development

Who we are:

Krystal Biotech (NASDAQ:KRYS) is a gene therapy company based in Pittsburgh, Pennsylvania. We are developing innovative and transformative gene therapy medicines to dramatically improve patient lives affected by debilitating skin diseases. We work to accomplish this goal through scientific innovation, operational excellence, and the belief that "nature operates in the shortest way possible" (Aristotle). You can learn more about Krystal Biotech at www.krystalbio.com

Our vision:

We strive to be the leader in the development of novel and proprietary "off the shelf" gene therapy products to fight some of the world's most serious skin diseases.

Our mission:

To develop transformative, innovative, and science-based HSV gene therapy products and processes to dramatically improve people lives.

Job Summary:

A Research Associate / Assistant Engineer position is available in the Downstream Process Development group. The successful applicant will have experience in laboratory research, and a desire to continue in a laboratory-focused role. This position will join a small team of scientists focused on developing and optimizing filtration and purification processes for recombinant viral vectors for early- and late-phase clinical trials. The Research Associate / Assistant Engineer will be responsible for working with fellow scientists to develop robust, efficient, scalable strategies for improving process performance.

Responsibilities will include, but are not limited to, the following:

- Supporting process development and in-house manufacturing activities in support of GMP and preclinical programs (GLP and non-GLP)
- Supporting and performing downstream unit operations, including, but not limited to, buffer and solution preparation, chromatography column packing, tangential flow filtration setup and appropriate logbook and record keeping
- Performing routine downstream experiments including clarification, column chromatography, and tangential flow filtration with minimal supervision
- Collect, analyze, record, and summarize data in the course of biologics production and processing
- Performing calibration and cleaning procedures
- Maintain relevant records and logbooks for process instruments
- Maintaining documents in accordance with Quality standards
- Assist in maintaining laboratory supplies and equipment

Requirements and Preferred Qualifications:

Education Minimum Requirement:
BS degree (or BS degree to be completed by Spring/Summer of 2019) in Chemical Engineering, Biomedical Engineering, or Biological Sciences preferably with a technical background in downstream (purification) process development of biological molecules

Required Experience and Skills:

- Hands on experience with downstream processing (filtration and purification) of biologics, especially for viral vectors or VLPs is highly desirable.
- Technical background in chromatography, filtration operations, and common biochemical analytical techniques.
- Ability to understand and execute experiments independently in fulfillment of assigned program objectives in a manner that meets quality and timeline expectations
- Ability to work both independently and as a member of a team
- Well-developed organizational, record-keeping, and problem-solving skills
- Exceptional attention to details and highly organized.
- Desire to take on new technology challenges in a highly visible role supporting both research and process development.
- Excellent verbal and written communication skills.

Preferred Experience and Skills

- A minimum of 1 years of downstream process development experience for viral vectors and/or VLPs and/or therapeutic proteins, including experience in process operations scale-up.
- Relevant experience in an academic research laboratory or as intern or co-op in industrial setting may be considered.
- Experience in the purification of live viruses and familiarity with established safety practices for working with such organisms including hands-on experience with Biosafety Level 2 operations
- Communication of scientific information through oral presentations and written documents.
- Familiarity with GxP principles and regulations.

Working Conditions and Physical Requirements:

This job requires standing for extended periods of time and some weekend work along with ability to handle up to 25 lb. of weight in a controlled environment.

Supervisory Responsibilities:

Previous management or supervisory experience not required

All interested applicants are required to submit their CV/Resume and Cover Letter to ssharma@krystalbio.com. Please note, applications submitted without resumes and cover letter will not be accepted.

Krystal Biotech, Inc. is an Equal Employment Opportunity and Affirmative Action Employers. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual

orientation, gender perception or identity, national origin, age, marital status, protected veteran status, or disability status. Headhunters and recruitment agencies may not submit resumes/CVs through this Web site or directly to managers. Krystal Biotech, Inc. does not accept unsolicited headhunter and agency resumes. Krystal Biotech, Inc. will not pay fees to any third-party agency or company that does not have a signed agreement with Krystal Biotech, Inc.