

Jecho Laboratories Job Opportunity (please submit resume to hr@jecholabs.com)

TITLE: Process Development Scientist- Downstream
LOCATION: Frederick, MD
REQ#: 22-001

Overview: Jecho Laboratories, Inc. (Jecho) is a biopharmaceutical company developing innovative therapeutic biologics, including therapeutic monoclonal antibodies, cytokines, immunotoxins, and vaccines to address a broad range of diseases as well as treatments for cancer and infectious disease. The company is headquartered in Frederick, Maryland, USA.

We are seeking a Process Development Scientist to join our R&D team in Frederick, MD. Qualified individuals will execute small-scale downstream process development and analytical studies. The ideal candidate will exercise appropriate technical judgment in the design and execution of experiments and the analysis and interpretation of data and results. The candidate will receive general instructions from a supervisor for routine work and assignments. The candidate is expected to be eager to learn, highly productive, well-organized, and self-motivated.

Essential Job Functions:

- Design and conduct experiments in protein and DNA/RNA therapeutics recovery and purification process development, and formulation development with an interdisciplinary approach spanning molecular and protein biology, protein and biomolecule separation, chemical and biochemical engineering, etc.
- Perform column chromatography and various other routine physical and biochemical analysis on biological products, such as HPLC, SDS-PAGE, UF/DF, Western Blot, and ELISA.
- Perform small-scale *E. coli* fermentation or mammalian cell bioreactor to generate protein materials for evaluation and characterization.
- Design and perform protein stability analyses via protein size, conformation, homogeneity, and/or potency analyses.
- Optimize protein formulation and/or storage conditions to improve protein stability.
- Work with Discovery, Upstream Process Development, and Analytical Development to support material generation, design evaluation, cell line selection, product characterization and analyses.
- Generate and maintain experimental data in a highly organized manner.
- Prepare technical reports and present data and analyses, perform and support technology transfer activities, and report project status to senior scientists and management.

Minimum Requirements:

- A Ph.D. degree in biological or pharmaceutical science, biochemistry, bioengineering, human nutrition, or related fields.
- 0-3 years' experience in post-doctoral training or the pharmaceutical or biotechnology industry.
- An in-depth understanding of antibody and recombinant protein structure and purification mechanisms.
- Extensive hands-on experience with protein recovery and purification and analytical methods.
- Working experience with biophysical characterization, product stability, and related microscopic and spectroscopic analysis techniques is a plus.
- Extensive working experience with drug formulation, stability analysis, and delivery technologies.
- Exhibited ability to propose, design, execute experiments and deliver a project in a timely manner with high quality.
- Ability to work effectively in a team. Motivated and willing to work on a variety of tasks.

- Experience working with DNA and/or RNA extraction, purification, and related processes is a plus.
- Experience with model animals and surgical procedures is a plus.

Compensation:

- Jecho offers a competitive salary and excellent benefits package, including health insurance, dental/vision insurance, short-term and long-term disability insurance, and 401(k) retirement plan.

Disclaimer:

- Jecho Labs is an equal-opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.
- This job description may not include all assigned duties, responsibilities, or aspects of the job described, and the employee may be required to perform additional functions.
- The job description is subject to change by the employer as the organizational needs and requirements of the job change.

Please submit resumes to hr@jecho.com.