

## Employment Opportunity/Job Description

**Posting Title:** Lead Scientist, Upstream Process Development and Production  
**Division:** iVexSol VPP Group  
**Work Location:** Lexington, MA  
**Job Type:** Full Time  
**Employment Type:** Regular

**Job Description:** *iVexSol, Inc. is a rapidly growing Viral Vector Manufacturing company founded on a truly transformative, next-generation technology that enables the creation of stable lentiviral vector producer cell lines for virtually any therapeutic gene. This technology will revolutionize the way gene therapy vectors are manufactured, sold, and employed by therapy providers, and in doing so, enable us to make a significant contribution to the elimination of suffering due to human disease. We are actively recruiting for creative and ethical teammates with the vision and courage to innovate beyond today's perception of what is possible to transform vector production so that no patient is left waiting for a cure.*

iVexSol's Viral Vector Process Development and Production (VPP) team is seeking a Lead Scientist who can function as a project leader to answer key scientific questions and develop upstream processes to scale up Lentiviral vector production to advance iVexSol's mission. The successful candidate will be expected to provide hands-on expertise in process development using serum-free suspension culture as the production platform while thriving in a fluid work environment that is rapidly evolving from a small biotech to a global manufacturer of gene-delivery vehicles.

### Responsibilities:

- Formulate and action on upstream development of Lentiviral Vector production in alignment with the company goals and objectives
- Leads the establishment of the Process Development Lab, including installation of equipment, implementation of the workflow, process records and SOPs.
- Deliver high-quality data using state-of-the-art production platforms using transient system and stable cell lines.
- Design, execute, and analyze scientific data in collaboration with downstream and analytical development group. Supports Cross-functional projects with scientists, process engineers, and internal teams.
- Collect and keep detailed, accurate records of data  
Report results at regular laboratory meetings.
- Participate in internal and external collaborations to evaluate and implement new process technologies
- Make use of problem solving, critical thinking, and effective written and oral presentation skills in a matrixed team environment
- To always act in an ethical manner: treating your team, the public, and the planet, in the way you would want others to treat you

**Minimal Job  
Requirements:**

- Candidate must be authorized to work in the United States
- BS/MS/PhD in cell Biology, biochemistry, bio- or chemical engineering, or a related discipline with 2-5 years of hands-on experience in Gene Therapy Industry
- Knowledgeable on Viral Vector Manufacturing
- Proficient at small to medium scale upstream process development using bioreactors (1L - 20L) with relevant knowledge of purification, formulation & analytical development.
- Develops, revises, and reviews SOPs, protocols, batch records, process development and technical reports
- Thorough knowledge of cGMP manufacturing, process automation and technology transfer
- Commitment to the highest-quality research with outstanding technical skills and scientific rigor
- Be creative, innovative, communicative, collaborative, courageous, courteous, caring, careful, and consistently ready to do your best work
- Outstanding decision making, organizational, and analytical skills.
- Be able to work independently and as a team member/leader
- Experienced in data analysis and interpretation including relevant software-based scientific tools.

**EEO Statement:** iVexSol Inc., is an Equal Opportunity Employer who endeavors to create and maintain a diverse environment. We do not discriminate in recruiting, hiring, training, promotion, or any other employment practice for reasons of race, color, religion, gender, national origin, age, sexual orientation, marital or veteran status, disability, or any other legally protected status.

**Hiring Manager:** Amitabha Deb, SVP, Process Development and Production

**Closing Date:** 06/30/23

Please send CV and cover letter to: [Careers@ivexsol.com](mailto:Careers@ivexsol.com)