

**Employment Opportunity/Job Description**

**Posting Title:** Scientist/Associate Scientist, Cellular Mechanisms

**Division:** iVexSol Scientific Research and Development

**Work Location:** Lexington, MA

**Job Type:** Full Time

**Employment Type:** Regular

**Job Description:** iVexSol, Inc. is a burgeoning 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 Research and Development Cell Mechanisms team is seeking a Scientist/Associate Scientist who can help answer key scientific questions and support the development of translational methods to advance iVexSol’s mission. The successful candidate will be expected to provide hands-on expertise in cell and molecular biology while thriving in a fluid work environment that is rapidly evolving from a small biotech to a global manufacturer of gene-delivery vehicles.

**Responsibilities:**

* Deliver high-quality data using state-of-the-art cell biology techniques including cell counting, sorting, and automation equipment
* Collect and keep detailed, accurate records of data
* Communicate results at regular laboratory meetings
* Make use of problem solving, critical thinking, and effective written and oral presentation skills in a matrixed team environment
* Carry out scientific experiments with minimal supervision, following existing protocols and helping to craft new ones
* To always act in an ethical manner: treating your team, the public, and the planet in the way you would want them to treat you

**Minimal Job**

**Requirements:**

* Candidate must be authorized to work in the United States
* Candidate must have a BS in Biology or a related field, additional experience preferred, industry experience preferred
* Cell culture expertise including automated cell counting, generation of growth curves, cryopreservation and thawing, and cell banking
* Experience with cell line development platforms and cell line genetic engineering including single cell cloning (both manual and automated), lead candidate screening using automation and high throughput technologies, and the use of viral and or non-viral gene delivery.
* A capable and creative problem solver who is experienced in process development, capable of designing and executing both small and large experiments, and can apply principles such as Design Of Experiments and Quality By Design in their work.
* A commitment to being an excellent lab citizen: working cleanly and responsibly, replacing shared resources, anticipating and communicating supply concerns, ability to confidently work in BL-2 environment while observing all required safety protocols
* Experienced in data analysis and interpretation including relevant software-based scientific tools.
* 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
* During this time of a global pandemic, it is especially important that prospective applicants be familiar with SARS-CoV2 regulation and mitigation strategies as while we will encourage remote work when possible, as a lab scientist, there will be on-site work for which you will be required to wear appropriate PPE when working in the same physical location with other members of the scientific team, and be comfortable with rapidly changing rules and expectations with regard to this challenge.

**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.

**Job Band:** 5

**Recruiter:** Lana Parent, Exec. Director R&D Operations

**Hiring Manager:** Lana Parent, Exec. Director R&D Operations

**Closing Date:** 5/1/2022

Please send CV and cover letter to: Careers@ivexsol.com