

## Employment Opportunity/Job Description

**Posting Title:** Lead/Senior Scientist (Molecular), Analytical Development  
**Division:** iVexSol Global Operations  
**Work Location:** Lexington, MA  
**Job Type:** Full Time  
**Employment Type:** Regular

### Job Description:

*iVexSol, Inc. is a rapidly growing 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 patient suffering due to diseases. We are actively recruiting 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 is currently seeking an **AD Molecular Lead/Senior Scientist** to join our R&D Analytics Team that will report directly to the Director of Analytics Development. The successful candidate will be expected to drive the design, data supported implementation, validation, and training of quantitative molecular assays to support the development of master cell banks, process development and lentiviral production.

### Responsibilities:

- Adopt and promote a culture to drive regulatory compliance in new and established assays.
- Develop, optimize, qualify, and validate molecular assays (ddPCR, qPCR, NGS, etc.) for vector characterization.
- Direct the design and execution of molecular method qualifications per ICH and regulatory guidelines.
- Lead and mentor scientist and associates in the development of technologies and assays to meet Analytic Development Team objectives.
- Ensure projects meet timelines, independently resolve technical and workflow issues to ensure the team's success and drive continuous process improvement.
- Develop and execute sound experimental plans to define assays for implementation.
- Author and present data summaries and technical reports with relevant statistical analysis to support findings.

- Work closely with the Analytics Development Team to author, define, and implement study protocols and acceptance criteria.
- Coordinate with external vendors providing outsourced assays.
- Maintain accurate laboratory records and data.
- Prepare reports, manuscripts, and presentations for cross functional, internal, and external team meetings.
- Manage laboratory equipment to ensure proper operation and compliance
- Prepare and lead training of other technical personnel.
- Understand and adhere to iVexsol's standards regarding code of conduct, safety, appropriate handling of materials, controlled drug and GxP compliance.

### Minimum Requirements

- 10+ (BS/M.S.) or 5+ (Ph.D.) years of relevant molecular biology in an academic or biotech/pharma setting
- Knowledge of CGT production, scientific research methods and assay qualification is necessary.
- Successful development of genomic and molecular methods such as qPCR, ddPCR, NGS, bioassays for impurity assessment and characterization, critical material assessment and ID test development, comparability studies is required.
- Strong critical thinking and evaluative skills.
- Demonstrated ability to independently manage research projects.
- Ability to work independently, multitask, and goal oriented in a rapidly changing environment, all with a pro-active and team-oriented positive attitude
- Manage time efficiently while promoting and sustaining a safe work environment.
- Commitment to quality.
- Excellent organization and communication skills
- Willingness to comply with iVexSol's corporate policies and share our core values.

### 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**      Richard Parent, Director of Analytics

**Closing Date:**      04/30/2023

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