**Position**: Project Lead Scientist, Diagnostics

**Location**: Ithaca, NY

**Date Posted**: 02 October 2020

**Start Date**: Immediately

**Job Type**: Full time, contract

**Contact**: Greg Mouchka | greg@ifyber.com

iFyber (Ithaca, NY) is a leading preclinical contract research organization enhancing the health and well-being of people around the globe by providing partner companies with deep knowledge and experience in microbial diagnostics, control and treatment. iFyber is building a project team with experience in diagnostics, specifically expertise in immunoassay and molecular testing.

iFyber is looking for a Project Lead Scientist.

The project's initial term is for 3-6 months and if successful it could lead to permanent employment. Timing is critical and, therefore, iFyber will consider building this team with full-time employees, project contractors and/or consultants.  Successful applicants will need to start within a week of offer.

**Responsibilities include**

- Lead activities associated with project research and new product development
- Perform self-directed experiments or as directed by Manager
- Resolve product performance issues
- Summarize experimental data, draw conclusions and make recommendations
- Conduct research, process development, validations, creation and implementation of documentation and training of personnel
- Maintain project documentation and laboratory notebooks in accordance with internal iFyber and external regulatory requirements as part of the design control process
- Maintain a safe working environment

**Essential Functions**

- Plan and execute experiments and validation protocols, supports problem-solving and trouble-shooting activities with minimal guidance from manager.
- Data analysis, interpretation and recommendations through experimental reports
- Maintain detailed and organized notebook records
- Participate in team environments and interact with team members professionally.
- Other: Maintain good communication with supervisor and peers, maintain safe working environment, training, carry out duties in compliance with established business policies

### Education And Experience

- Ph.D. in chemistry or life sciences and typically 1-5 years' experience in diagnostics or MA/MS in chemistry or life sciences plus at least 5 years' experience.

### Knowledge/Skills

- General background in microbiology, virology, clinical chemistry and/or biochemistry
- Immunoassay development
- Lateral flow immunoassay (LFI) prototyping
- Dot blot and related detection techniques
- Biomolecular conjugation
- Surface chemistry
- Production of nanoparticle-antibody conjugates
- Understanding of infectious diseases, bacterial pathogens and antibiotics/antibacterials
- Experience in basic molecular biology and nucleic acid amplification techniques
- Comfortable with culturing bacteria and performing viral titers in a BSL2 setting.
- Practical knowledge of statistical tools and its application to data analysis
- Aptitude in problem solving
- Professionalism, maturity, self-motivation and active desire to succeed
- Willingness and ability to work cross-functionally in other relevant areas
- Capacity to actively acquire knowledge, seek out new technical job-related responsibilities and learning opportunities
- Appropriate computer skills (e-mail, graphing software, data analysis, word processing)

Before you apply, please make sure you share iFyber's values. We pride ourselves on keeping these values in mind every day as we execute on goals and plan for the future. We are seeking team members who share the same mindset and commitment to be **customer driven**, **focused on execution**, and **new product oriented**. We succeed by being knowledgeable, caring and demanding.

**iFyber is proud to be an Affirmative Action/Equal Opportunity Employer (Minorities/Women/Disabled/Veterans). We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.**