

Title: Scientist

Company Overview

DxLab Inc. (DxLab) is a biotech startup with a goal to enable fast and accurate diagnostic testing anywhere, anytime. Utilizing a proprietary sample-to-answer technology based on nucleic acid amplification along with a novel diagnostic testing platform that uniquely enables on-demand multi-sample processing, DxLab is expanding its pipeline of diagnostic tests for various pathogens and biomarkers.

Job Summary

DxLab is seeking a highly motivated and skilled Scientist to lead the research and development of in vitro diagnostics (IVD) assays, from the feasibility stage all the way to clinical studies and regulatory submissions/approvals. The Scientist will be in charge of designing and optimizing new assay formulations, primers, and reaction conditions. The Scientist will also support external CRO/CMO management, which includes communicating with the project managers at CRO/CMOs to review data, plan future studies/manufacturing, and optimize their processes to fit our needs. This position offers an opportunity to work broadly across various functions at DxLab that include clinical studies, quality management/quality assurance, regulatory submissions, manufacturing, and business development.

Key Responsibilities

- Develop and optimize new assays for target oligonucleotide detection to support the development of new IVD tests
- Evaluate performance of new assays and IVD tests using key performance metrics
- Lead *in silico* analyses for inclusivity and cross-reactivity assessment
- Manage external CRO/CMOs to carry out new studies, schedule production, procure critical components, and complete QC activities
- Support grant applications, clinical studies, and regulatory submissions
- Develop inspection and QC plans and criteria for key reagents and processes

- Prepare and deliver scientific presentations for internal and external meetings

Qualifications

- M.S. or Ph.D. in molecular biology, biological engineering, chemical engineering, or other related science/engineering field
- Extensive hands-on experience with PCR and/or LAMP assays; experience with molecular diagnostics assay development and/or manufacturing is a plus
- Expertise in genomic sequence analysis; experience with primer design is highly preferred
- Experience with grant writing is a plus
- Strong inter-personal and communication (verbal and writing) skills
- Time management skills and ability to meet tight deadlines

To apply, send a resume/CV to support@dxlab.bio or visit <https://www.dxlab.bio/join-the-team>

DxLab is an equal opportunity employer and values different experiences and ways of thinking.