



Title: Research Associate

Company Overview

DxLab Inc. (DxLab) is a venture-backed biotech startup, spun out of MIT and Harvard, developing and commercializing next-generation point-of-care (POC) diagnostics systems for rapid and low-cost detection of various diseases and health conditions. Combining proprietary platform technology with novel target detection and signal processing methods, we are advancing a pipeline of rapid POC tests for different pathogens and biomarkers.

Job Summary

DxLab is seeking a Research Associate to help with research and development of a POC diagnostics system for rapid and low-cost detection of pathogens causing infectious diseases, such as respiratory infections, STDs, and sepsis. Specifically, the Research Associate will be actively involved in designing and conducting experiments to develop and improve the core chemistry that serves as the foundation for rapid detection of targeted pathogens. Principal duties and responsibilities include: working closely with fellow engineers and researchers to accelerate the development and improvement of core technologies; independently performing wet chemistry experiments; assisting in experimental designs and directions; organizing, reviewing, and analyzing existing and new data; participation in staff meetings.

Qualifications

Required: B.S. or higher in chemical engineering, bioengineering, or other related engineering field; experience in bench work and wet chemistry; strong inter-personal and communication (verbal and writing) skills; time management skills and ability to meet tight deadlines.

Preferred: experience in nucleic acid amplification (e.g., polymerase chain reaction and/or isothermal amplification); experience in using spectrophotometers and fluorometers; experience in nucleic acid extraction and purification.

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