

PineTrees

Scientist for Clinical COVID diagnostic development

PineTrees is a stealth startup developing a novel point-of-care platform for nucleic acid diagnostics in healthcare with the goal of spreading molecular biology to every home and workplace and ending unknown disease. This technology was developed by scientific pioneers at top-tier institutions, including MIT and the Broad Institute. With rapid, affordable testing that can be performed daily, we believe we can end the COVID-19 pandemic and save lives for many diseases beyond.

We are seeking a scientist to join our talented team for aiding with development of a COVID-19 test with the current chemistry, collection of data for EUA FDA application, optimization of the reagent for lyophilization onto cartridge, and assay optimization. The optimal candidate will have experience developing diagnostic products and can execute the vision of the company to develop the platform for COVID-19 detection. In addition to diagnostic expertise, the candidate will ideally have biochemistry, assay optimization, and lyophilization experience too. The role will involve development and execution of experimental plans for new features, assay optimization, clinical sample validation, and performance on cartridge. This pivotal role will be a key member of the team, with direct involvement with crafting the vision for the initial COVID diagnostic product and laying the groundwork for future applications.

Responsibilities include:

- Assay optimization of the current COVID-19 test
- Lyophilization of the reagent for stability on the cartridge
- Collection of data for regulatory filings
- Good documentation is essential to this position and includes recording all work and keeping detailed notebooks
- Ph.D. in a relevant field is necessary