

# **PineTrees**

## **Scientist for Clinical Testing**

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 the development of a COVID-19 test with the current chemistry, optimization of sample extraction, clinical sample testing, and collection of data for regulatory FDA filings. This role focuses on the development of lysis chemistries and workflows that are robust across different sample matrices, suitable for a broad menu of pathogens, and compatible with both existing amplification chemistries and those in development. The optimal candidate for this role will have diagnostic expertise and familiarity with common methods and chemistries of extraction, as well as a deep background in general molecular biology and reaction optimization.

### **Responsibilities include:**

- Clinical assay optimization of the current COVID-19 test
- Optimization of sample extraction from diverse biological matrices
- Clinical testing with large panels of samples
- Collection of data for regulatory EUA/510(k) FDA 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