

PineTrees

Scientist for Assay 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 new detection chemistries, assay optimization, and deploying the chemistries for new diagnostic products and applications. This role focuses on the development and troubleshooting of new nucleic acid amplification and detection chemistries. The optimal candidate for this position has expertise in molecular biology and molecular assay development, including familiarity with common isothermal amplification methods, and has applied assays to diagnostics in previous work.

Responsibilities include:

- Evaluating novel chemistry concepts for molecular diagnostics
- Screening hundreds of assay conditions for faster and more sensitive tests
- Applying the detection chemistry towards COVID-19 and other diseases
- Good documentation is essential to this position and includes recording all work and keeping detailed notebooks
- Ph.D. in a relevant field is necessary