

### **Research Associate, Assay Innovation**

Nanopath is a well-funded Series A-stage company working to develop a first-in-class *in vitro* diagnostics platform to revolutionize the way we diagnose disease. Nanopath works to disrupt traditional molecular testing methodologies by bringing them closer to the patient. We aim to improve the lives of patients, starting with women, using our purpose-built tool that provides actionable information within a single office visit.

The company was spun out from Dartmouth College and is now based at LabCentral, the premier life science incubator in the Kendall Square ecosystem. As a company, we are committed to health equity and the design of solutions for underserved populations and low-resource settings. Corporate sustainability – both environmental and social - is at the forefront of our decision making.

#### **Role**

- Assist with *in vitro* and *ex vivo* testing of Nanopath's proprietary assay
- Iterate assay design through benchtop study to improve sensitivity & specificity and minimize required user handling steps
- Benchtop characterization of samples using molecular biology techniques
- Culture and quantification of a range of microorganisms
- Assist in design-of-experiments towards optimization of research objectives
- Present data to management team & draft scientific publications

#### **Technical Qualifications**

- Experience working in a BSL-2 laboratory environment and with sterile technique
- Comfortable handling & processing a range of human biofluid samples
- Biological understanding of bacteriology and microorganisms
- Intermediate understanding of molecular biology and experience with molecular biology techniques
- Knowledge of bacterial culture, PCR, and basic wet laboratory techniques
- Robust understanding of scientific method and experience in design-of-experiments

#### **General Qualifications**

- B.S. in Biological Sciences/Engineering plus 0-2 years industry experience
- Eager and open to learning new techniques and scientific methodologies
- Excellent communication and presentation skills, highly organized with demonstrated curiosity, scientific rigor and creative problem-solving
- Proactive self-starter with enthusiasm to adapt to a fast-paced, dynamic startup environment

**How to apply:** Apply at <https://boards.greenhouse.io/nanopathinc>

**Location:** Cambridge, MA

*Nanopath Inc. is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.*