



Job Title: Scientist – Assay Development

Location: Boston, MA

Company: BLASTID, Inc.

About Us: BLASTID is developing innovative diagnostic solutions to tackle the world's most pressing healthcare threats. By pushing the boundaries of microfluidics, optics, and machine learning, BLASTID has created advanced technologies capable of rapidly identifying and analyzing individual cells, including drug-resistant pathogens and host cells. These breakthroughs are at the core of BLASTID's strategy to address the growing crisis of antimicrobial resistance. With its unique platform and commitment to innovation, BLASTID is poised to set a new global standard in diagnostic speed, accuracy, and patient impact. Our multidisciplinary approach ensures that these technologies remain adaptable and effective as healthcare needs continue to evolve.

Position Overview: The BLASTID team is seeking a dedicated **Scientist** with experience in microbiology diagnostic assays as part of the team's ongoing development of a cell-based diagnostics platform. If you are excited about working with multidisciplinary teams, bringing emerging technologies into clinical practice, and improving standard of care, our team may be the next career step for you.

Key Responsibilities:

- Collaborate on multiple projects and maintain expertise in microorganism culture, clinical microbiology, and biofluid processing.
- Design and execute experiments in microbiology to optimize the diagnostic assay workflow of the SPLENDID™ platform.
- Drive experimental strategy while prioritizing projects to ensure alignment with product development strategy and regulatory goals and requirements.
- Develop SOPs and establish key assay performance metrics.
- Interpret, analyze, present, and properly record data in an Electronic Lab Notebook.
- Support general lab upkeep (lab inventory, ordering, lab safety, etc.).
- Prepare documents and presentations for status reports on project progression, emerging technologies, and intellectual property development.
- Collaborate cross-functionally to integrate assays with microfluidic and optical detection systems.

Qualifications:

- Ph.D. (0+ years of industry experience) or Master's degree (6+ years of industry experience) in microbiology, cell biology, biology, bioengineering, or a related field.
- Strong track record in assay development for blood-based diagnostics.
- Familiarity with statistical techniques and software such as Minitab, R, and/or JMP.
- Hands on experience with microorganism culture, blood culture (including downstream assays from blood culture), and human biofluid handling.
- Familiarity with regulatory standards for IVD assay development.
- Strong written and oral communication skills for technical and non-technical audiences.
- Additional experience with microfluidics or optical imaging systems is a plus.

BLASTID, Inc is an equal opportunity employer that is committed to diversity and inclusion in the workplace. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, age, sexual orientation, gender identity, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by applicable laws.





Why Join Us:

- Be part of a pioneering team working on groundbreaking technology in the diagnostics field.
- Opportunity to make a significant impact in a fast-growing startup environment.
- Collaborative and innovative work culture.
- Competitive salary and benefits package.
- Medical, dental, and vision coverage options
- STD, LTD, Life Insurance Plans
- 401(k) plan
- Flexible time off

Excited to make an impact? We'd love to hear from you! Send your cover letter and resume to careers@blastid.life to join our team.

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