

TWINSTRAND™

Biosciences

Associate Scientist

POSITION OVERVIEW

TwinStrand Biosciences is seeking a highly-motivated individual to join our team as an Associate Scientist, focused on performing assays using our Duplex Sequencing technology. As an Associate Scientist, you will contribute to a team environment, supporting both internal projects and collaborative efforts with external partners. We are recruiting those who share our vision, passion and ambition to advance genomics and personalized medicine.

RESPONSIBILITIES

- Work independently to process samples and execute experiments
 - Perform nucleic acid extractions and quantifications
 - Generate DNA sequencing libraries
 - Utilize other molecular biology techniques such as qPCR, restriction digests and gel electrophoresis, as needed
 - Support multiple projects, as needed
 - Normalize samples, load and operate Illumina sequencers
- Help prepare reagents for laboratory and kit use
- Analyze experimental data and present results
- Maintain rigorous electronic records detailing all work and ensure all data is appropriately archived
- Assist in keeping laboratory clean and in excellent working order, including equipment care, reagent stocking, and other laboratory maintenance tasks

PREFERRED BACKGROUND AND SKILLS

- A Bachelor's or Master's degree in Molecular Biology or related field
- At least two years of post-graduate experience in academia or industry
- Experience in and a keen understanding of the underlying principles of nucleic acid extractions, quantifications and PCR
- Efficient, detail-oriented and thorough planning of sample processing and experimentation
- Outstanding communication and interpersonal skills
- Superior organizational skills and a strong work ethic
- Flexible team player who is comfortable in a fast-paced startup company with ambitious goals and timelines
- Proficient with Microsoft suite and Google drive/Google docs

HIGHLY QUALIFIED CANDIDATES WILL POSSESS

- Previous experience working in an NGS laboratory setting
- Familiarity with diagnostic or CLIA best practices
- Experience with basic NGS-focused bioinformatics techniques and tools
- Experience with amplicon containment (i.e. “clean” and “dirty” spaces)

ABOUT TWINSTRAND

We are a vibrant, young company committed to applying a powerful new genomic technology across disciplines to improve human health and accelerate scientific discovery. Our mission is to develop and deliver the unprecedented accuracy of Duplex Sequencing to applications in clinical medicine and life sciences where it can do the greatest good for the greatest number of people. Our approach is multifaceted and encompasses internal development projects, external collaborations and empowering of partner organizations. Our operation is strongly rooted in the academic principles of responsible citizenship within the broader scientific community, yet executed with the nimbleness of a startup, such that research can be rapidly translated into products that benefit many. To the greatest extent possible, we strive for open sharing of knowledge and discovery through publication, and open-source tools and resources.

Interested applicants should contact:

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