



Open Position: R&D Scientist – Single Cell

Position type: Full-time Employee

Company Summary:

seqWell's mission is to change the future of NGS applications by helping unlock the full potential of modern DNA sequencing instruments. Building on core strengths of molecular reagent design and workflow engineering, seqWell's product portfolio allows improvements in the scale and quality of DNA sequencing results. Our plexWell™ platform is a transformative library prep technology that allows for simple, scalable multiplexing with less time and cost-consuming normalization. This has wide-ranging impact on applications from synthetic biology, targeted sequencing and single-cell analysis to low and high depth sequencing of human, plant, animal and microbial genomes.

Position Summary:

seqWell is seeking an innovative and highly motivated R&D Scientist with expertise in single cell RNA-seq, molecular biology, NGS library prep, and assay development to play a vital role in the company's efforts to create the next generation of NGS library prep tools and products enabling a range of research and diagnostic applications. The successful candidate will be an integral part of our growing R&D team at our new laboratory located in Beverly, Massachusetts, and will be responsible for evaluating and developing novel technology platforms leading up to product launch. This position provides an excellent opportunity to participate in transformational product creation and rapid company growth with significant potential for personal and professional development.

The successful candidate will work independently and as part of a collaborative team. You will bring a strong entrepreneurial mindset, and the adaptability to fill different roles and responsibilities. The ideal candidate must be open-minded, dynamic, goal-oriented, organized, and possess excellent communication skills.

Key responsibilities include:

- Develop and optimize NGS library prep assays for new products
- Prepare and sequence diverse types of NGS libraries
- Maintain cell cultures and perform single cell isolation
- Data analysis and interpretation
- Document results and present progress to colleagues and clients
- Work collaboratively with internal and external collaborators

Qualifications:

- BS/MS or PhD degree in molecular biology, biochemistry, biology or related field
- BS/MS with 5+ years or PhD with 1-3 years of relevant experience, preferably within biotech industry
- Extensive experience in next generation sequencing, library preparation, and single cell sequencing
- Proven hands-on experience with a variety of molecular biology techniques including nucleic acid extraction, amplification and detection
- Experience with data analysis, data interpretation, and experimental design/planning
- Excellent communication and presentation skills, organizational skills, and attentive to details
- Curious, self-motivated, learn quickly, and focus on completing work on time
- Adapts easily to work across multiple projects in a fast-paced environment
- Ability to work both independently with minimal supervision and cooperatively as part of a team

Desired Skills:

- Prior experience working in areas such as genomics, long read and/or phased read technologies or other “omic” sequencing technologies, such as RNA-seq, ATAC-seq, CITE-seq etc. are a strong plus.
- Familiarity with enzymology and assay development, software tools, bioinformatics pipelines, and interpretation of data
- Hands-on experience with various DNA and RNA modification enzymes
- Hands-on experience with cell culture and flow cytometry
- Strong problem-solving skills and ability to troubleshoot complex technical and scientific issues.

Interested candidates should send their C.V. to: careers@seqwell.com

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