



Open Position: R&D Senior Scientist

Position type: Full-time Employee

seqWell Inc. is seeking a talented Senior Scientist to join us in creating the next generation of DNA library prep tools and products. Our company's mission is to revolutionize NGS library prep via products that help 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.

As we grow and expand our R&D capacity in our Beverly, MA facility, we are seeking a Senior Scientist with proven experience in product development, especially in advanced applications of NGS. This position provides a wonderful opportunity to participate in product creation and company growth with significant potential for personal and professional development.

The ideal individual will bring a strong entrepreneurial mindset, and adaptability to fill different roles and responsibilities. The ideal candidate will have experience in optimization or development of library preparation methods and will be highly organized with an eye for detail and have excellent communication skills.

Key responsibilities include:

- Generating diverse types of NGS libraries for sequencing of RNA and DNA.
- Conceptualizing, planning, and executing research and product development of new reagent-based tools and products
- Developing work routines including automation and standard operating procedures.
- Developing custom products that could be validated in CLIA setting.
- Reporting and documenting results and progress to colleagues and clients.
- Leading troubleshooting in a team setting and its implementation
- Technical leadership in various NGS laboratory operations and strategy development.

Qualifications:

- PhD in a relevant scientific field and 5+ years of experience in a molecular biology laboratory, preferably in biotech industry.
- 3+ years of experience in next generation sequencing and library preparation
- Conversant in basic human genetics and cancer biology; familiarity relevant public databases
- Prior experience working in areas such as microbial genomics, single cell sequencing, long read and/or phased read technologies or RNA-seq applications are a strong plus.
- Prior experience working in a regulated laboratory environment is also a plus.
- Familiarity with NGS commercial technologies and platforms, software tools, bioinformatics pipelines, and interpretation of data

Desired Skills:

- Experienced with a variety of molecular biology techniques including nucleic acid extraction, amplification and detection.
- Must have strong organizational skills, display excellent leadership and interpersonal communication skills, and demonstrate ability to work collaboratively with and mentor others in a highly matrixed environment.
- Must be self-motivated and able to work independently and learn quickly.
- Must be goal oriented and focused on completing work on time.

- Must have ability to adapt to changing priorities and technical challenges in a fast-paced environment

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

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