



Open Position: Senior Scientist – NGS Team Leader

Position Type: Full-time Employee

seqWell Inc. is seeking a talented scientist and team leader 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. plexWell 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. seqWell is also developing enhanced methods that build on our technology foundation for reagent-based long-molecule phasing and read linking.

As we grow and expand our R&D capacity in our Beverly, MA facility, we are seeking a Senior Scientist with experience in assay development, especially in advanced applications of next-gen sequencing, and in with strong command of readable nucleic acid technologies in general. 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 an strong entrepreneurial mindset, and adaptability to fill different roles and responsibilities. The ideal candidate will have some experience in optimization or development of library preparation methods (especially in areas such as targeted sequencing or RNA-seq) and will be highly organized with an eye for details and have excellent communication skills.

Key responsibilities include:

- Generating diverse types of NGS libraries for sequencing of RNA and DNA.
- Creating and overseeing Project Plans to develop new reagent-based tools and products
- Developing work routines including automation and standard operating procedures.
- Developing custom assay 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 library preparations, including hybrid capture and amplicon based targeted sequencing.
- 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 software tools, bioinformatics pipelines and NGS data processing workflows, 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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