

R&D Scientist | NGS Assay Development

Beverly, MA | Location

Send your resume to careers@seqwell.com

Join the seqWell journey!

Our mission at seqWell is simple. We strive to unlock the full potential of modern NGS instrumentation through transformative library prep technologies, including plexWell™ and purePlex™. Our workflow enables scalable multiplexing with fewer steps and cost-consuming normalization to achieve greater efficiency, cost savings, and minimize time to results. We are a fast-moving, innovative company focused on customers while providing a fulfilling work environment for our team members.

What we are looking for:

As we grow and expand our R&D team in our Beverly, MA facility, we are seeking a Scientist with expertise in NGS assay and product development. This position provides a wonderful opportunity to work with a growing team with significant potential for personal and professional development. 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.

How you will contribute:

- Plan and perform wet lab experiments
- Analyze and interpret experimental results
- Develop formulations and protocols for novel NGS reagents
- Work with manager and other team members to find creative solutions to drive projects forward
- Generate and present project updates, both internally and to clients or collaborators
- Contribute to project documentation including SOPs, Plans and Reports
- Work with a product-focused mindset
- Maintain an organized and up-to-date lab notebook
- Maintain and help to ensure compliance with all company quality and safety policies and procedures

What you will bring:

- Education:
 - PhD or in a relevant scientific discipline with 0-3+ years industry experience, or
 - Masters in a relevant scientific discipline with 3+ years industry experience, or
 - Bachelors in a relevant scientific discipline with 5+ years industry experience
- 3+ years of hands-on experience executing NGS workflows, preferably in an industry setting
- Familiarity with common molecular biology techniques, e.g. gel electrophoresis, quantification of nucleic acids by UV/Vis or fluorescence bases assays, PCR, QPCR, etc.
- Able to think critically to assess outcomes and troubleshoot shortfalls
- Competency with statistical analysis and graphing software, e.g. Microsoft Excel or JMP
- Prior experience with Tn5 tagmentation based library preparation methods a plus
- Prior experience with targeted hybrid capture methods a plus
- Prior experience with loading and assessing data quality of various Illumina sequencer models a plus
- Prior experience working with automated liquid handlers a plus
- Self-motivation and agility, with the ability to manage deliverables across multiple projects
- A working knowledge of common bioinformatics tools and pipelines used to process and analyze data is a plus
- Prior experience with executing basic scripts in Unix environment a plus

Be a part of the seqWell team today! seqWell is an Equal Opportunity Employer and Prohibits Discrimination and Harassment of any kind: seqWell is committed to the principle of equal employment opportunity for all employees and to providing employees with a work environment free of discrimination and harassment.