

## NGS Applications Research Associate

### Position summary

MedGenome is seeking an on-site highly motivated and detail-oriented **Next-Generation Sequencing (NGS) Research Associate** to join our genomics research services team. This role involves hands-on work to prepare high-quality DNA/RNA libraries for NGS sequencing. In addition, the candidate will be operating and maintaining next generation sequencing platforms. The ideal candidate will have a strong background in molecular biology and hands-on experience with Illumina sequencing workflows.

### Responsibilities

- Perform DNA/RNA extraction and quantify nucleic acids using advanced techniques (e.g., Qubit, Tape Station and Femto Pulse).
- Prepare high-quality libraries using established protocols for applications including Whole Genome, Transcriptome, Whole Exome/Target Panels (e.g., TSO500), Methyl-Seq, and TCR/BCR repertoire profiling.
- Operate and maintain Illumina sequencing platforms, including but not limited to NovaSeq X Plus, MiSeq, and PacBio.
- Adhere to strict quality control guidelines to maintain data integrity and accurate documentation.
- Ensure preventive maintenance schedules for all equipment are established and maintained.

### Desired Qualifications

- Bachelor's or Master's degree in life sciences including Genetics, Immunology, Cancer Biology, Molecular Biology or related field.
- 2–3 years of NGS experience or relevant industry experience.
- Hands-on experience with NGS techniques, including DNA/RNA extractions and library preparations.
- Experience with RNA-Seq, PacBio, single-cell NGS applications, and sequencing is a plus.

### Company Culture

- **Detail-oriented:** Focused on quality and precision.
- **Competitive:** Progressive and growth oriented.
- **Stable:** Traditional, stable, with strong processes.
- **Team-oriented:** Participating and synergetic.

The team member may be deputed to work at a client location in the Bay Peninsula.

**Job Type: Full-time**


**Pay: \$33.00–\$36.00 per hour, based on experience.**

**Schedule: 8-hour shift**


- 401(k) Match
- Dental insurance
- Health insurance
- Paid time off
- Referral program
- Vision insurance

Please e-mail your CV to [careers-us@medgenome.com](mailto:careers-us@medgenome.com)

#### Get in touch

 (888) 440-0954

 [research.medgenome.com](http://research.medgenome.com)

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