

NGS Laboratory Technician/Scientist/Manager (Entry-Level)

About the job

Psomagen Inc. is a leading multi-omics service provider specialized in NGS, Sanger, single-cell sequencing services to support life science research and industry field in North America. The NGS clinical laboratory technologist will perform day-to-day NGS experiments including sample preparation, library preparation, QC procedure as well as various NGS instrument operation.

This position will be based in the Psomagen office in Rockville, Maryland (on-site).

Responsibilities

- Operate a computer-based laboratory system, record data, and perform laboratory tests.
- Perform experimental procedures using molecular biology techniques such as isolation of DNA/RNA, Quantification, NGS library construction, qPCR, operating sequencers, micro pipetting, and meticulous measuring
- Prepare solution, reagents, and stains by adhering to standard laboratory formulas and procedures
- Oversee equipment performance and maintenance schedules.
- May perform routine repair or replacement of standard parts.
- Monitor inventory levels, order materials, and supplies in accordance with the established policies and procedures.
- Troubleshoot problematic samples and results
- Communicate effectively with clients and co-workers to improve the existing processes
- Adapt to new services/technologies to enhance sales
- Train and guide new team members and subordinates
- Write and update protocols that meet the CLIA/CAP/ISO standard

Qualifications & Preference

- Bachelor's degree in biology or relevant major are required
- Minimum 1 year of laboratory work experience is preferred
- Experience in molecular biology and genetics/genomics including DNA/RNA isolation and manipulation, NGS library prep, QC, and sequencing is preferred
- Organized and keen attention to details
- Excellent communication and interpersonal skills
- The ability to multi-task and meet timelines
- Bilingual in English/Korean is a plus

This list of duties and responsibilities is not intended to be all-inclusive and may be expanded to include other duties or responsibilities as necessary.

Benefits

- Medical, dental, and vision insurance (Monthly insurance premium is covered 100% by the employer)
- 401K with immediate participation and company match after 1 year
- 24 days of paid time-off with roll over or cashing option
- 11 Paid Holidays
- Long-term employment cashable vacation
- 2-hours off for an annual check-up
- Visa sponsorship is offered when needed
- Money Gifts for congratulatory/condolences+

Company Overview

Psomagen, Inc., founded in 2004 in Rockville, MD, is at the forefront of genetic and genomic testing. The company offers cutting-edge genomic services through next-generation and Sanger sequencing with data analysis services for applications in basic research and clinic diagnostics. The service laboratory has been certified under the Clinical Laboratory Improvement Amendments (CLIA) and accredited by the College of American Pathologists (CAP), which demonstrates the highest level of quality and safety in the market. Listed on the KOSDAQ in July 2020, the company is rapidly expanding its business from B2B to B2C and from Research to Clinical markets. The company has broadened the capabilities in the healthcare space such as at-home kits for analysis of genetic traits and microbiome profiles. With CLIA-certified and CAP-accredited laboratories, the company is looking to further expand service offerings in the clinical laboratory diagnostics market such as a laboratory-developed test (LDT) for COVID-19.

As an EEO/AA employer, the organization will not discriminate in its employment practices due to an applicant's race, color, sex, pregnancy, national origin, ancestry, citizenship, sexual orientation, gender identity or expression, protected genetic information, age, disability, marital status, veteran status, religion, height, weight, other protected group status, or any other basis protected by the laws where we employ people.