

Molecular Laboratory Technologist

Reports To: Laboratory Supervisor

Location: Carolina Molecular, Morrisville NC

Employment Type: Full-Time, Non-Exempt (Hourly)

Benefits: Medical, Dental, and Vision

Position Summary

Carolina Molecular is seeking a motivated and detail-oriented Molecular Technologist with a Bachelor of Arts or Science degree in a life science field (e.g., Biology, Molecular Biology, Biochemistry, or a related discipline). The successful candidate will support daily operations in our molecular clinical research laboratory, performing nucleic acid extraction, PCR-based assays, Next Gen Sequencing (NGS) assays, and other molecular techniques in accordance with established protocols and quality standards.

Key Responsibilities

- **Sample Processing:** Receive, log, and prepare clinical or research samples for molecular testing.
 - **Molecular Assays:** Perform nucleic acid extraction, PCR (conventional and/or real-time), sequencing (Sanger and NGS), and related molecular techniques.
 - **Quality Control:** Follow established Standard Operating Procedures (SOPs) and participate in quality assurance/quality control (QA/QC) programs.
 - **Data Management:** Accurately record results, maintain electronic laboratory notebooks, and assist with data analysis and reporting.
 - **Safety & Compliance:** Adhere to all biosafety, CLIA, and regulatory requirements to ensure a safe and compliant laboratory environment.
 - **Team Collaboration:** Work closely with senior scientists, supervisors, and other lab personnel to ensure timely and accurate test results.
 - **Continuous Improvement:** Contribute to workflow optimization and implementation of new techniques or technologies.
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Qualifications

Education:

- Bachelor of Science (B.S.) in Biology, Molecular Biology, Biochemistry, Genetics, or related field (required).

Experience:

- 0–3 years of hands-on molecular biology or clinical lab experience (academic lab experience acceptable).
- Experience with DNA/RNA extraction, PCR, and general sequencing preferred.
- Familiarity with LIMS (Laboratory Information Management Systems) and laboratory QA/QC practices is a plus.

Skills & Attributes:

- Strong attention to detail and excellent organizational skills.
- Ability to follow detailed procedures with consistency and accuracy.
- Effective written and verbal communication skills.
- Comfortable working in a fast-paced, regulated environment.
- Team-oriented with a proactive and adaptable approach to problem-solving.

Working Conditions

- Laboratory-based position with exposure to biological samples and reagents.
- May require occasional evening or weekend work to support testing schedules.
- Use of standard laboratory PPE required.

About Carolina Molecular

Carolina Molecular is a leading provider of molecular diagnostic testing and research support services. Our mission is to deliver high-quality, accurate, and timely molecular analyses that empower clinicians and researchers to make informed decisions. We pride ourselves on scientific excellence, regulatory compliance, and a collaborative work environment that encourages professional growth.

Carolina Molecular is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, sexual orientation, or gender identity), national origin, age, disability, genetic information, veteran status, or any other protected characteristic under applicable law.