

Job Title: Lab Technician

Job Type: Full-time

Organization: Foundation for Applied Molecular Evolution (FfAME, <https://www.ffame.org/>)

Location: 13709 Progress Blvd, N131, Alachua, FL 32615

Department: Diagnostics Applications

Reports To: Principal Investigator, Dr. Zunyi Yang

Job Summary:

FfAME provides an innovative environment to host the scientific and technological research of a small group of computational, molecular and life scientists to develop ultra-fast and high throughput diagnostic platforms to solve challenges in diagnostics and medicine.

We are seeking a detail-oriented and motivated Lab Technician to support molecular biology research and diagnostics in a fast-paced laboratory environment. The candidate will support laboratory operations through sample preparation, data collection, data reporting, and adherence to safety and quality standards. This role is critical to ensuring accurate and timely testing, contributing to our ongoing mission to advance diagnostics through chemistry-based innovations. The ideal candidate thrives in a fast-paced environment where priorities shift frequently to meet evolving project goals and deadlines, and is comfortable working independently while adapting quickly to changing workflows.

The Lab Technician will primarily conduct experiments on real-time PCR, ultra-fast PCR, and Oxford Nanopore sequencing and report on the performance of our novel chemistry solutions. This position requires a foundational understanding of molecular biology techniques, a strong attention to detail, and comfort with learning and adapting to new PCR techniques as we expand the application of our product.

Key Responsibilities:

- Prepare and process samples according to standard operating procedures
- Conduct routine and non-routine laboratory tests
- Record and analyze data with accuracy and precision
- Develop and maintain a comprehensive knowledge base covering our chemistry solutions, the field of diagnostics, and sequencing technologies
- Calibrate, clean, and maintain laboratory instruments and equipment
- Maintain inventory of lab supplies and ensure proper storage

- Follow all safety protocols and maintain a clean, organized work environment
- Document findings and report results to supervisors or project teams
- Adapt quickly to shifting priorities, experimental protocols, and timelines while maintaining high-quality work
- Assist in the development and validation of new procedures or methods

Required Education, Skills & Experience:

- Bachelor's degree from an accredited college or university in biology, chemistry, molecular biology, or related field.

Preferred:

- 1+ years' experience in a research environment.
- Experience with basic molecular biology techniques, real-time PCR, and next generation sequencing is a plus.
- Demonstrate a strong work ethic and professional demeanor.
- Possess a strong attention to detail and ability to maintain organization and efficiency.
- Proficient in Microsoft Office (Word, Excel, PowerPoint).

Salary commensurate with experience.

Please submit your cover letter and resume to resumes@ffame.org