

R&D Lab Technician, Entry Level

March 2019

At Roswell, we are on mission to make genome sequencing dramatically cheaper and faster--now, not in the distant future. Our technology is powered by molecular electronics, and we are the global pioneers in developing this new field that integrates CMOS chips, nanotechnology, and biochemistry. The leadership of Roswell have unmatched experience in developing high-impact, high-value, high-tech devices for the Life Sciences, and bringing them to market, globally. Our goals are big, our timelines are short, and we are building the team that will make it happen.

The **Entry Level R&D Lab Technician** is responsible for carrying out the experiments that support the biosensor R&D program and application development. The Technician will work under the supervision of the lab director and senior lab staff, as part of the System Integration Team. This team is responsible for characterizing and optimizing the performance our biosensor and works closely with all research teams to integrate the latest developments into the platform. Primary responsibilities will consist of laboratory operations including planning, preparing and running biosensor experiments to meet the needs of diverse development campaigns. Additional responsibilities include organization, analysis and presentation of these experimental results.

Specific responsibilities include:

- Planning of experiments; must be detail oriented and highly motivated
- Writing and executing test plans to validate experimental performance
- Assisting in the analysis and interpretation of experimental data
- Developing and documenting assay protocols
- Generating reports on experimental results for company presentations
- Working with a multi-discipline team, including hardware and software engineers
- Operating electronic, in-house R&D instruments to run sensor chips
- Establishing and managing a well-organized, clean and safe lab working environment

The ideal candidate can thrive in an extremely fast-paced, dynamic environment, as part of a team of highly skilled, highly focused and highly motivated people who believe in changing the world by creating disruptive technology.

Qualifications: New and recent graduates are encouraged to apply. BS or MS in a labwork-oriented field, such as molecular biology, biochemistry, chemistry, or biomedical engineering. One to two years of experience doing experimental lab work in academia or industry, in the area of biochemistry, molecular biology, genomics, or similar. Experience performing standard molecular biology procedures related to working with DNA and proteins. Expertise with one or more software tools for data analysis such as Excel, JMP, MATLAB or R is highly desirable. Desirable to have some experience working with biosensors, electronic measuring equipment, and LabVIEW-based data acquisition systems. The abilities to work quickly, communicate easily, and a passion for doing experiments are essential for success.

U.S. Citizens, Green Card Holders, and those authorized to work in the U.S. for any employer will be considered. The position is located in the Sorrento Valley area of San Diego.