



Position: Staff Scientist
Location: Carlsbad, CA

Summary:

Plan, direct and analyze the results from scientific experiments leading to the design, development and transfer to manufacturing of DNA array-based products for the detection, identification and quantification of nucleic acids and the diagnosis of human and animal diseases. Develop technical solutions to product design and performance issues.

Duties and Responsibilities:

- Design, perform and analyze experiments to design and characterize the performance of products relative to product performance and customer requirements.
- Identify, invent, develop and implement effective solutions to technical issues based on scientific knowledge, evaluation of the scientific literature, and laboratory research.
- Perform internal verification and validation of product performance.
- Design, characterize and validate test methods.
- Design and perform stability testing protocols.
- Other duties may be assigned.

Supervisory Responsibilities: None

Experience and Requirements:

- Ph.D. in Biochemistry, Microbiology, Molecular Biology or a related field and a minimum of 5 years post-Ph.D. experience relevant to job requirements.
- In-depth knowledge of molecular biology, including searching and analysis of genetic databases, principles of nucleic acid hybridization, probe and primer design, molecular cloning and enzymatic amplification of specific gene sequences.
- >5 years experience in development of multiplex PCR and/or reverse-transcriptase-PCR assays. Experience with asymmetric PCR systems desired.
- Experience with product design and development of nucleic acid-based assays for disease detection and diagnosis of disease or development of pharmaceutical products in a regulated environment is highly desirable.
- Training and experience in statistical analysis and Design of Experiment methodology.
- Organizational, planning and detail follow-up skills required.
- Ability to work in a team environment, with the ability to relate to both highly educated and unskilled team members.
- Ability to handle and resolve conflicts and work under stressful conditions
- Demonstrated ability or track record of successful results
- Ability to understand complex scientific, engineering and business concepts
- Demonstrated ability to be flexible and resourceful. Excellent communication and diplomacy skills required.
- Knowledge of safety precautions required for working with bloodborne pathogens at Biosafety Level 1 and 2.

TO APPLY:

Please email your resume to careers@genmarkdx.com and **please include the Job Title in the subject line of your e-mail**

AN EQUAL OPPORTUNITY EMPLOYER

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