



Exempt Job Description

Position Title: Senior Scientist/Project Lead
Department: Product Development
Effective: August, 2018

Position Summary:

Senior Scientist/Project Lead independently plans, designs, organizes and conducts experiments. Responsible for timely, detailed and comprehensive data analysis and preparation of reports and summaries. Senior Scientist/Project Lead has to perform assigned duties with high degree of professional independence and self-motivation as well as foreseeing, avoiding and solving problems and efficiently work on multiple projects as required in a fast-paced environment.

Required Education and Experience:

- Ph.D. degree in chemistry, biochemistry or biology combined with at least three years of relevant research experiences or IVD research and product development experiences. Or Master's degree with at least eight years of experiences or Bachelor's degree with at least ten years of experiences in IVD research and product development.
- Extensive hands-on experiences and in-depth knowledge in general protein chemistry including antibody and protein modification and handling.
- In-depth Knowledge about biomolecular interactions and methods to characterize it.
- Working knowledge of lateral flow-, microfluidic-based and analogous diagnostic devices.
- Expertise in immunoassays applicable to variable biomarkers.
- Creativity, flexibility analytical and problem solving abilities.
- Knowledge of national and international standards and regulations for IVD industry.
- Good technical writing skills; adequate verbal and presentation skills.
- Computer literacy, including practical knowledge of Microsoft Office and programs suitable for assay development, e.g., MedCalc, Analyse-it and MasterPlex.
- Advanced knowledge of CLSI protocols and relevant statistical techniques.

Essential Functions/Major Responsibilities:

- Identify, design and execute research ideas leading to noble detection systems, consumables and processes with existing and new product platforms.
- Troubleshoot and improve existing chemistry, processes and methods.

- Lead multi-disciplinarily project teams and contribute through the entire cycle of product development from feasibility to launch.
- Responsible for compliance with the company's quality system requirements through training and adherence to policies, procedures and processes.
- Design and perform laboratory experiments.
- Compile and analyze data; prepare reports and presentations.
- Participate in product improvement and support manufacturing, as required.
- Supervise and instruct research scientists and research associates, as needed.
- Develop details of the approach to assignments with consideration of schedule, cost, reliability, simplicity, manufacturing methods and effectiveness.
- Liaise with internal and external individuals; attend meetings as necessary.
- Conduct literature reviews; summarize and evaluate obtained information.
- As needed, provide product training for employees.
- Accommodate additional tasks and responsibilities as needed.