

Senior Scientist / Project Manager – Assay Development

MBio Diagnostics of Boulder, CO (www.mbioldx.com) seeks an outstanding senior scientist to lead assay development projects. MBio is leading a new era in rapid, on-the-spot sample testing for diverse applications including human clinical diagnostics, food safety, and veterinary applications. MBio's core technology is a patent-protected planar waveguide system developed for fluorescence immunoassays, molecular diagnostics, and cell-based assays.

Job Duties:

The Senior Scientist position will help coordinate efforts of the assay team scientists and will be responsible for design, execution, and analysis of experiments associated with MBio's immunoassays and nucleic acid tests. This includes planning and budget reporting functions. This position will also be responsible for winning grant and contract proposals from government and commercial sources. In addition to technical project management, the position will also likely require hands-on laboratory work, depending on the skills and background of the applicant. This position reports into the company CTO.

Expectations:

- Develop technical project plans with both short-term (monthly) medium-term (quarterly), and long-term (1, 3 and 5-year) timelines and deliverables.
- Contribute scientific and technical guidance to scientific staff.
- Interact directly with team scientists in experiment design and plan execution, and develop structured internal reporting procedures for the group.
- Estimate project resource requirements and provide budget guidance to management.
- Provide reporting and presentations to MBio management.
- Provide technical leadership in support of MBio's grant writing and existing grant management activities.
- Provide in-lab, hands-on effort as needed to meet development goals.

No single candidate is expected to have demonstrated skill in all functions listed below. But candidates should highlight relative experience in a brief cover letter.

Proposals & Grant Writing

- Demonstrated success with securing program funding through written proposal writing
- Preference for demonstrated success with NIH, NSF, DoD
- Preference for candidates with established Principal Investigator background

Personnel Management

- Skilled at managing diverse scientific staff

Project Management

- Demonstrated skill at developing budgets, budget reporting, and delivering results on budget
- Demonstrated skill at developing schedules and delivering results on those schedule.
- Demonstrated written communication and reporting skills

Technical Background

- Assay development expertise, including analytical principles LOD, LOQ, LOB, dynamic range, linear range, reproducibility methods, shelf life/stability methods, etc.
- Familiarity with reference methods management, such as CLSI standards
- Immunoassay development
- Immunology / antibody expertise; monoclonal antibody development, polyclonal/monoclonal relative merits, isotypes
- Analytical techniques including fluorescence immunoassays, ELISA, PCR or other molecular methods
- Microfluidic device experience is a plus

Regulated Product Development

- Quality Management Systems (e.g., FDA 21 CFR 820, ISO 13485:2016, ISO 9001:2015)
- Design Control principles
- Risk assessment
- Standard Operating Procedure development

Education and Experience

- Preference for Ph.D. in biological sciences, analytical/physical chemistry, or engineering
- 1 to 5 years management experience

Applicant must have authorization to work in the U.S. Resumes must be accompanied by a cover letter explaining how the applicant meets the job requirements and desired skills. Please email cover letter and resumes to jobs@mbiodx.com with applicant name and the job title listing in the subject line. No phone calls, please.

MBio Diagnostics, Inc. is an Equal Opportunity Employer.