

**Position Title:** Microbiology Scientist I  
**Functional Group:** Research  
**Report To:** Director of Research

**PURPOSE OF POSITION:** Create and carry out protocols and procedures for testing product and prototype performance in microbiological testing. Oversee laboratory personnel, provide verbal and written reports to department director and company management.

**MAJOR DUTIES AND RESPONSIBILITIES:**

- Support company goals and objectives, policies and procedures including Good Manufacturing Practices, Good Laboratory Practices, US and EU regulations.
- Execute daily activities independently as assigned.

*Within Microbiology Research*

- Contribute as a team member to the activities of the microbiology team.
- Perform routine enumeration of microbial cells using microscopic and culture methods.
- Write protocols and develop SOPs for experiments.
- Manage and direct work of a full-time laboratory technician and/or intern.
- Work with the Director of Research to ensure that research processes are conducted in compliance with company needs and any appropriate Quality Management System requirements.
- Assist with associated quality management system documentation.
- Utilize research literature and other external sources to develop or modify in-house assays.
- Compile, analyze, and present (both in written and oral form) the results of research studies.
- Assist in writing proposals for funding and writing publications.
- Lead efforts to present studies in technical or medical conferences
- Other duties as required including basic laboratory tasks such as making media, washing glassware, sterilizing samples, preparing experimental set up, etc.
- Provide scientific recommendations to management team based on results of research studies.
- Lead efforts to publish peer-reviewed journal articles

**EDUCATION / EXPERIENCE REQUIREMENTS:**

- Ph.D. in relevant field of study.

**OTHER QUALIFICATIONS:**

- Must be detail oriented, an effective communicator, and able to work with members of multiple disciplines within a team environment.
- Excellent organizational skills.
- Demonstrated computer proficiency in Word, Excel, PowerPoint; Web savvy. Ability to travel, domestic and international as required.

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Employee Signature

Date Reviewed

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Management Signature

Date Reviewed