



PathSensors, Inc., a growing biotechnology company headquartered in Baltimore, Maryland. The company develops products for the rapidly evolving field of pathogen detection. We are currently seeking qualified candidates for the position of Assay Development Scientist. The successful candidate will be responsible for the developing and optimizing new assays utilizing the company's exclusive CANARY<sup>®</sup> biosensor technology.

### **Company:**

PathSensors, Inc. develops and manufactures systems for the rapid detection and identification of bacteria, viruses, and toxins. The company's CANARY<sup>®</sup> technology utilizes a unique cell-based biosensor for pathogen detection. The technology is currently deployed for a wide range of biodefense, food and plant pathogen test applications. In addition, the company is constantly expanding its range of product markets, including the development of assays for emerging pathogens and emergency diagnostics. For more information visit:  
<http://www.pathsensors.com>

### **Background Requirements:**

1. Education: BS with 2+ years work experience or an MS with 1+ years work experience. The candidate's degree(s) must be in biology, microbiology, plant pathology, or related field.
2. Expertise in cell culture including experience working with adherent and non-adherent mammalian cells.
3. A basic working knowledge of cell biology, molecular biology, and immunology.
4. A working knowledge of basic microbiology techniques and ability to work with BSL-2 level pathogens.
5. Ability to design experiments, interpret data, and prepare final reports.
6. Ability to troubleshoot protocols and procedures.
7. Ability to work in a team environment.
8. Highly organized, able to manage workflow, and multi-task between multiple projects.
9. Previous experience in FDA BAM methods or experience with plant pathogens is a plus.

### **Position Responsibilities:**

1. Production of biosensors for development projects.
2. Development and definition of processes for the production of reagents for use in pathogen detection kits (buffers, capture beads etc.)



3. Production and validation of hybridoma supernatant.
4. Development and performance of QC tests for biosensors and other reagents
5. Act as scientific interface with Manufacturing team to transfer procedures from development to operations, through writing SOPs and training personnel.
6. Work within the development team to bring new assays to the market through defining customer needs, optimizing assay protocols, conducting risk analysis and defining assay reagents and consumables
7. Conduct assay verification test protocols Assist in the development of new biosensors as needed
8. Interface with customers to determine needs and troubleshoot technical issues
9. Set up and conduct field tests and validation studies

In addition to competitive compensation and a full benefits package, PathSensors, Inc. offers a stimulating and flexible work environment with excellent opportunities for career growth.

Applicants should submit a resume and cover letter to [info@pathsensors.com](mailto:info@pathsensors.com).

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PathSensors does not accept non-solicited resumes or candidate submittals from search/recruiting agencies not already on PathSensors approved agency list. Unsolicited resumes or candidate information submitted to PathSensors by search/recruiting agencies not already on PathSensors approved agency list shall become the property of PathSensors and if the candidate is subsequently hired by PathSensors, PathSensors shall not owe any fee to the submitting agency.

PathSensors is an Equal Opportunity/ Affirmative Action Employer and does not discriminate on the basis of race, color, religion, gender, age, national origin, disability, veteran status or any other characteristic protected by federal, state or local law.

Information submitted will be used by PathSensors for activities related to your prospective employment.