



23 Mill Brook Road  
Saco, Maine 04072  
Fax: 207-885-1079  
www.mmqci.com

***MAINE MOLECULAR QUALITY CONTROLS, INC. is HIRING!!***

## **R & D Scientist I – MOLECULAR DIAGNOSTICS**

Employer: Maine Molecular Quality Controls, Inc. (MMQCI) designs, develops, manufactures, and markets unique quality control products used by hospital laboratories to monitor the accuracy of tests for inherited disease, pharmacogenetics, oncology, and infectious diseases. MMQCI also provides custom products to IVD manufacturers for test development, internal QC and kit controls. MMQCI has developed technologies to stabilize DNA and RNA for use as quality controls and continues to pursue the discovery of novel techniques useful for the development of new quality control products. We are a small, growing company that offers a relaxed but challenging work environment with opportunities to gain experience using the latest molecular biology tools.

POSITION TITLE: R & D Scientist I

### **GENERAL SUMMARY:**

The R & D Scientist I conducts a variety of laboratory procedures under supervision by the Manager of Research and Development. S/he is expected to modify and follow experimental procedures under the supervision of MMQCI R&D Scientist III/II or other MMQCI staff in order to achieve project goals. The R & D Scientist I will be assigned to various projects and will assist in the development of new products and/or improve existing products. It is expected that the Scientist I will rapidly develop sufficient expertise to function independently.

### **PRINCIPAL DUTIES AND RESPONSIBILITIES:**

- Conducts general laboratory procedures and analyses using a variety of manual molecular biology techniques and instrumentation, including cloning, gel electrophoresis and quantitative PCR.
- Helps to identify experimental problems and inconsistencies and aids in the troubleshooting of these problems based on learned knowledge, skills, and the expertise of other MMQCI staff.
- Works as a team member to assist in the design, development, validation and manufacturing of new quality control products for molecular diagnostic tests according to current Good Manufacturing Practice (cGMP)
- Organizes data, assists in the interpretation of results and makes suggestions for future experiments and product improvements. Participates in experimental design and protocol development.
- Assists in bringing products from design to validation under Design Control according to FDA 21CFR820 regulations and prepare appropriate reports.
- May be trained to work with pathogens and/or mammalian cells in a BSL2 environment.



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## **MINIMUM KNOWLEDGE, SKILLS AND ABILITIES REQUIRED:**

### *Education*

B.A. or B.S. in biology with relevant molecular coursework

### *Experience*

- Hands-on cloning experience using a variety of cloning techniques is preferred.
- Familiarity with general molecular biology techniques including cloning, sequencing, amplification and electrophoresis is highly desired.

### *Skills and Abilities*

- Strong problem-solving skills and interest in troubleshooting
- Well-organized
- Ability to perform laboratory procedures accurately and reproducibly
- Ability to work independently
- Excellent communications skills, oral and written
- Flexible; accustomed to fast-changing priorities of a small company
- Works efficiently and quickly but with attention to detail
- Strong teamwork and interpersonal skills
- Strong work ethic
- Innovative

*The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills of personnel so*

*Location:* MMQCI is conveniently located in beautiful southern coastal Maine, minutes from the Maine Turnpike, Portland International Jetport, and less than 2 hours from Boston. Close by are fabulous Portland restaurants, sandy beaches, and a plentiful supply of Maine lobsters! Many terrific outdoor activities are easily accessible including hiking, biking, kayaking, fishing, skiing and snowshoeing. We have a beautiful, state-of-the-art facility located in Saco, right next to the Eastern Trail. Come join us!

## **BENEFITS:**

- Medical insurance
- Dental insurance
- 401(k)
- Profit sharing plan
- Vacation
- Holidays
- Sick leave



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**How to apply:** by Email [HR@mmqci.com](mailto:HR@mmqci.com)  
No Phone inquiries accepted

***A cover letter is required.***

Contact Information:

Human Resources  
Maine Molecular Quality Controls, Inc.  
23 Mill Brook Road  
Mill Brook Business Park  
Saco, Maine 04072