



Microbiology Research Associate

Expeditionary and Special Programs Division

Description

Liberty Biosecurity is a privately held entity and member of the EdenRoc Sciences family of companies. Headquartered in Virginia, with research and development facilities located in Massachusetts, California, New South Wales, Australia, and Victoria, Australia. Liberty's leadership team is composed of academic chairs/professors at the world's leading academic institutes along with senior leaders from the government and industrial biomedical sectors.

Liberty has assembled a team of world-class scientists, physicians and national security practitioners that together develop cutting edge capabilities across the life sciences. Liberty's innovations ensure that the United States and her allies maintain a strategic advantage in genetics, human performance, pharmacology, bioinformatics, pathogen surveillance/detection, and the treatment of emerging health threats.

Competitive compensation package includes Salary, 401K, PTO, Medical/Dental and other benefits.

Job Responsibilities/ Department Description

Liberty is currently looking for a **Microbiology Research Associate** to join the Expeditionary and Special Programs Division located in Worcester, MA. The successful candidate will be a self-motivated individual with great communication and troubleshooting skills. A strong work ethic and a strong team mentality are essential. The successful candidate would help a small team of scientist prepare and run a variety of experiments. The successful candidate would be responsible for preparing supplies and testing the efficacy of novel compounds/enzymes against various BSL2 organisms. The successful candidate is expected to have a BS with 2+ years of experience or a MS with 0+ years of experience in testing antimicrobial compounds on various surfaces, cultivating cultures, waste management, preparing media, and plate counts/MPN's. The candidate should have experience using spectrophotometers, centrifuges, lyophilizers, autoclaves, pH meters, and other standard laboratory equipment.

Basic Qualifications

- BS in life sciences (Biochemistry, microbiology, food science, molecular biology, etc..) with 2+ years of experience
- Master's degree in life sciences with 0 - 1 years of experience
- Must be a US citizen
- Must pass a background check and will be subjected to a drug test prior to hire.
- Motivated individual who enjoys working in a group setting to solve complex problems.
- An individual who is independent and self-directed.

Desirable Qualifications

- Have experience with antimicrobial testing, serial dilutions, MPN enumeration, plate counts, preparing all types of media, and the ability to adapt your experiments based on observed results.
- Have proper technique and experience working in a BSL2 laboratory setting.
- Adequate use of programs such as Word, Excel, PowerPoint, Minitab, R, and GraphPad.

Optimal Qualification:

- Have experience in purifying and characterizing compounds/enzymes from organisms, testing antimicrobial compounds on various surfaces, developing screening methods for novel compounds.
- Have experience in protein quantification methodologies.

If interested or for more information send your resume and cover letter to info@libertybiosecurity.com