



Senior Microbiologist/Biochemist

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 **Senior Microbiologist/Biochemist** to join the Expeditionary and Special Programs Division located in Massachusetts. 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 direct a small team of scientist along with developing and performing various experiments in the area(s) of identifying and characterizing novel enzymes and antimicrobial compounds. The successful candidate and team would be responsible for identifying, purifying, and testing the efficacy of these compounds/enzymes against various BSL2 organisms. The successful candidate is expected to have a PhD with 4+ years of experience or a MS with 6+ years of experience in purifying and characterizing compounds/enzymes from organisms, testing antimicrobial compounds on various surfaces, and developing screening methods for novel compounds. The candidate should have experience in HPLC analysis along with SDS-PAGE, protein concentrations.

Basic Qualifications

- PhD in life sciences (Biochemistry, microbiology, food science, molecular biology, etc..) with 4+ years of experience
- Master's degree in life sciences with 6+ 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.

Desired Qualification:

- Must have experience in purifying and characterizing compounds/enzymes from organisms, testing antimicrobial compounds on various surfaces, developing screening methods for novel compounds.
- Must have experience with various forms of purification methodologies such as but not limited to chromatography (size, ion, affinity, etc..), dialysis, salt fractionation, and ultrafiltration.
- Must have experience in protein quantification methodologies.
- Must have proper technique and experience working in a BSL2 laboratory setting.
- Demonstrate ability to lead a successful research team and work side-by-side with them on various projects.
- Adequate use of programs such as Word, Excel, PowerPoint, Minitab, R, and GraphPad.

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