

JOB TITLE: MICROBIOLOGY SCIENTIST - BIOTECH

List Lab's mission is to "harness bacteria's potential for a healthier world." We are a premier contract development and manufacturing organization for bacterial derived products for early clinical trials including live biotherapeutic products derived from the rapidly growing microbiome field. Live biotherapeutic products, an exciting new therapeutic, are a novel approach to disease treatment and have significant potential to improve patient lives. List Labs also specializes in the production of both native and recombinant bacterial proteins and toxins used for research and development.

List Labs offers a dynamic and congenial company environment and the convenience of working in the South Bay Area.

We are seeking a talented and motivated Microbiology Associate to work with strain preservations and fermentations for the manufacture of bacterial toxins, research reagents and live biotherapeutics, as well as cGMP fermentations. This position works closely with other scientists in the QA/QC and production teams.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Cultivation of aerobic and anaerobic organisms in biological safety cabinets and anaerobic chambers
- Preservation of microorganisms including cryopreservation and lyophilization
- Support development and cGMP production activities including cultivation, harvest, fill and finish of microbial products
- Cell separation methods including centrifugation, depth filtration and tangential-flow filtration (for concentrating and diafiltering)
- Media and solution preparation
- Follow, review, author, and document standard operation procedures
- Recommend improvements to methods and protocols
- Perform data analysis and provide data summaries to supervisor
- Responsible for quality and timely results for a portion of a project
- Able to plan and lead projects independently
- Support deviation investigations and identifying CAPAs to resolve manufacturing related issues
- Responsible for lot record completion
- Responsible for quality and timely results for a portion of a project
- Maintain safety training and regulatory compliance training
- Contribute to hazardous waste collection and autoclaving programs

QUALIFICATION AND EXPERIENCE

- Minimum 3-5 years with a BS or 0-3 years with a MS as an Associate I
- Degree in Microbiology, Biology, Biotechnology, or related field
- Experience in a pharmaceutical or biotechnology setting is preferred
- Working knowledge of routine microbiological methods and principles
- Proficiency with GLP and cGMP procedures

KNOWLEDGE, SKILLS AND ABILITIES

- Excellent interpersonal and communication (both oral and written) skills
- Ability to work effectively both independently and as part of a multi-disciplinary team
- Willing to work with a flexible schedule and extended hours when needed
- Self-motivated; energetic individual demonstrating personal initiative
- Strong analytical and organizational skills, and a can-do attitude

PHYSICAL REQUIREMENTS

- Have the physical ability to lift and carry product/equipment weighing up to 50 pounds
- Be able to wear appropriate personal protective equipment (PPE), including powered air purifying respirators (PAPRs)
- Keep current on appropriate vaccinations (e.g. tetanus, diphtheria and pertussis [Tdap])
- Be comfortable handling BSL1, BSL2 and BSL3 organisms with appropriate safety precautions
- Must be able to acquire security background clearance from FBI and CDC