

Job Title: Biotech Lab Technician

Job Summary:

We are seeking a skilled and detail-oriented Biotech Lab Technician to join our innovative applications and process development team. The successful candidate will assist in conducting experiments, maintaining laboratory equipment, and supporting ongoing research projects in our state-of-the-art applications testing lab.

Key Responsibilities:

1. **Experimental Procedures:**
 - Conduct and assist with various laboratory experiments and assays
 - Prepare samples, reagents, and culture media
 - Perform molecular biology techniques (e.g., PCR, gel electrophoresis, DNA/RNA extraction)
 - Assist in cell culture maintenance and related procedures
2. **Data Management:**
 - Accurately record experimental data and observations
 - Maintain detailed laboratory notebooks
 - Enter data into databases and assist with basic data analysis
3. **Equipment Operation and Maintenance:**
 - Operate and maintain laboratory equipment (e.g., spectrophotometers, centrifuges, microscopes)
 - Perform routine calibration and troubleshooting of instruments
 - Ensure proper functioning of safety equipment
4. **Laboratory Management:**
 - Maintain a clean and organized work environment
 - Manage inventory of laboratory supplies and reagents
 - Assist in ordering and receiving supplies
5. **Safety and Compliance:**
 - Adhere to all safety protocols and regulations
 - Properly handle and dispose of hazardous materials
 - Participate in safety training and implement best practices
6. **Quality Control:**
 - Follow standard operating procedures (SOPs) and Good Laboratory Practices (GLP)
 - Assist in developing and updating SOPs as needed
 - Participate in quality control checks and audits
7. **Collaboration and Communication:**
 - Work effectively as part of a research team
 - Communicate results and observations to senior researchers
 - Participate in lab meetings and contribute to project discussions

Qualifications:

- Bachelor's degree in Biology, Biotechnology, or related field
- 1-3 years of laboratory experience in a biotech or pharmaceutical setting preferred
- Proficiency in basic molecular biology, cell culture techniques and physical/mechanical testing
- Familiarity with laboratory equipment and instrumentation
- Strong attention to detail and ability to follow protocols precisely
- Excellent organizational and time management skills
- Good written and verbal communication skills
- Experience with data entry and basic statistical analysis
- Knowledge of lab safety procedures and regulations

Preferred Qualifications:

- Experience with CRISPR, flow cytometry, cell based assays and data analytics
- Experience with Physical/Mechanical Materials Testing
- Experience with mAbs, ERTs, CGTs, LNP, MDI/DPI, ADC, mRNA and Vaccine Manufacturing Modalities
- Familiarity with Electronic Laboratory Notebook software
- Knowledge of GMP regulations and experience in a GMP environment