



## JOB DESCRIPTION

---

**Job Title:** Associate Scientist

**Reports to (Title):** Principal Scientist of Cell Biology

**Employment Type:** Full-time, on site

**Location:** Philadelphia, PA

---

### About BlueWhale Bio

BlueWhale is a startup biotechnology company committed to expediting the expansion and acceptance of cell-based therapies. Given the overwhelming demand for cell therapy products that outstrip the available supply, BlueWhale Bio is addressing crucial deficiencies within the existing manufacturing framework.

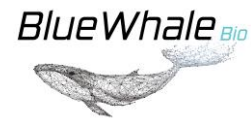
BlueWhale Bio's founding scientific team is led by Dr. Carl June and Dr. James Riley (University of Pennsylvania). Our team of scientists draws from a wealth of expertise, and it is developing an innovative platform and groundbreaking product portfolio to address critical shortcomings in the current process of cell therapies. Our technology holds the promise of bringing the full benefits of cell therapy to a broader spectrum of patients, doing so more rapidly and at a reduced cost.

### About The Role

We are seeking an exceptionally driven associate scientist with extensive laboratory experience to join our Cell Biology team at BlueWhale Bio. The associate scientist will work under the supervision of the principal scientist in Cell Biology projects and independently execute a breadth of cell-based and immuno-assays to support the company's research efforts to discover new products and optimize product candidates.

Within the framework of BlueWhale Bio's overall process and product development, the Cell Biology team develop new product and evaluate the functionality. The successful candidate will support IND-enabling studies, and routinely execute essential technical potency, cell culture, and phenotyping, thus propelling candidates towards clinical advancement.

In this essential role, the candidate will be required to pay attention to detail, robust scientific background in cell biology and cell therapy, and the ability to contribute to our collaborative culture. The successful candidate will collaborate closely with the Analytical Development and Process Development teams, contributing to a synergistic and collaborative work environment. If you are passionate about making significant contributions to the advancement of innovative bio-products and possess the expertise to conduct technical assays, we invite you to be part of our dynamic team at BlueWhale Bio.



## **Key Responsibilities**

- Performing primary cell and cell line culture, maintenance, counting, and cryopreservation
- Isolating PBMC, T cells, and NK cells from PBMC or blood
- Implementing assays designed to characterize immune cell phenotype and function including but not limited to flow cytometry, cytotoxicity assay, and ELISA assay
- Assisting with and performing other experiments as required.
- Maintaining a high level of accuracy and detail in electronic laboratory notebook (ELN) and analyzing data in a timely manner
- Preparing reagents and materials, and monitoring and maintaining appropriate stock levels (inventory)
- Conducting routine lab duties as assigned

## **Qualifications**

- MS in cell biology with 1-2 years of relevant experience or BS in cell biology with 3-5 years of relevant experience in industry or academic research
- Hands-on experience and good practice in aseptic handling of cells and cell culture principles is a must
- Hands-on experience in primary T cell or NK cell and tumor cell culture, cell-based assays (activation, proliferation, cytotoxicity, and multi-color flow cytometry), and ELISA assay
- Basic knowledge of statistics, design of experiments, and data analysis
- Quick learner of new techniques
- Innovative approach to problem-solving and an enthusiasm to explore new areas and technologies
- Outstanding organization and multitasking capability
- Flexibility to quickly pivot as projects demand
- Good communication skills and strong interpersonal skills

## **Preferred Qualifications:**

- Previous relevant experience in industry
- Experience with flow cytometry (FlowJo software)

## **Join our Team**

BlueWhale Bio is an equal opportunity employer. We offer an inspiring and innovative environment for talented professionals to contribute to groundbreaking research and advancements in the biotech industry. If you have a strong background in Analytical Development and a desire to make a significant impact, we invite you to apply for the



role of Associate Scientist. Join us as we shape the future of cell therapy and improve human lives through scientific excellence.

Contact us: [careers@bluewhale.bio](mailto:careers@bluewhale.bio)