



## **Research Associate – Protein Engineering & Drug Development**

Onchilles Pharma is a start-up company founded on breakthrough research that was the first to describe that human neutrophils release a major anticancer protein, called ELANE, that broadly and selectively activates cell death pathways in cancer cells. This fundamental pathway of the innate immune system has the potential for universal anti-cancer activity, independent of genetic mutation. Based on this research, Onchilles is developing a pipeline of first-in-class biologic drug candidates with the potential to be broadly effective against a wide range of cancer.

We are seeking a Research Associate in molecular biology to support an expanding cancer research and development platform.

### **Overview:**

The ideal candidate will have a B.A. or M.A. in a related field of life science, preferably Molecular Biology, with at least 2 years of laboratory experience. Experience in cell culture and protein expression and purification required. Experience with PEGylation is a plus. Familiarity with AKTA, Symphony, Qiagen, and other expression and protein purification instruments required. Attention to detail, good oral and written communication, and strong computer skills are required.

### **Responsibilities:**

- Driving therapeutic innovation and directly contributing to the Onchilles pipeline
- Integral member of a highly collaborative team executing on time-sensitive protein engineering projects all the way from protein expression design & generation through protein purification and characterization
- Maintaining mammalian cell culture lines
- Independently evaluate and trouble-shoot experiments in a timely manner
- Present results regularly at team meetings and drive data-driven decisions
- Perform diligent and timely note-keeping and work process tracking

### **Preferred Qualifications:**

- Previous experience with protein engineering and oncological research platforms
- An innovator with track record in molecular design of biologics, of creative and proactive approach to problem solving, and strong analytical skills.



- Experience with PEGylation, biotherapeutic discovery, and a working knowledge of antibody, Enzymes molecules
- R&D experience in an industry setting with good understanding of biologics drug development is preferred
- Experience with high throughput screening methods
- Experience with protein display methods

#### **Qualifications:**

- Bachelor's or Master degree in cellular biology, molecular biology, biochemistry, or a related field
- 1-2 years of relevant laboratory experience in an academic or industry setting
- Extensive experience engineering proteins with desired properties
- Technically proficient in protein engineering tools, including construct design, molecular biology, protein expression in CHO cell lines and mammalian cell systems, protein purification (FPLC, AKTA Pure systems) and characterization (binding, *in vitro* activity)
- Strong motivation, passion and commitment to science and engineering of novel entities
- Ability and desire to work in an interdisciplinary scientific team and the desire to learn new techniques
- Experience with data analysis and presentation software
- Excellent written and oral communication skills

#### **Benefits & Additional information:**

We offer excellent starting salaries and are dedicated to building a team of smart, enthusiastic, creative and self-motivated people passionate about science and curing cancer in a start-up environment. Our employees and their dependents are eligible for medical, dental, vision, life and LTD insurance with a 90% - 100% company contribution to all premiums. We provide a 4% automatic match to 401(k) retirement savings and a generous amount of time off through our vacation, paid holiday, sick and floating time off programs – starting at 40+ days of paid time off. Our employees also enjoy many other company perks, like free gym membership, monthly events, other supplemental benefits and cost-free work-life balance programs. We work at the state of the art, LEED-Gold Certified, GradLabs space with a brand-new laboratory, training rooms, and Cafe and lounge areas.



Reasonable accommodation may be made to enable qualified individuals with disabilities to perform the essential functions of our jobs. We are an equal opportunity employer, celebrate diversity and are committed to creating an inclusive environment for our employees. We provide a work environment of mutual respect where equal employment opportunities are available to all applicants and teammates without regard to any characteristic protected by law. For additional information or to apply, please contact [hr@onchillespharma.com](mailto:hr@onchillespharma.com)