

## Senior Scientist – 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 cancers.

Onchilles Pharma is seeking a Senior Scientist in molecular biology to support an expanding cancer research and development platform.

**Overview:** The ideal candidate will have a PhD in a related field of life science, preferably Molecular Biology, with 5-7 years of laboratory experience (post-doctoral research included). Prior experience in cell culture and protein expression and purification required. Familiarity with FPLC, 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 antibody/antigen design & generation through protein purification and characterization.
- In-depth understanding of protein structure-function relationship and cutting-edge protein engineering techniques will be key to this position.
- 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 antibody 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 antibody drug conjugate generation, 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

**Qualification:**

- PhD in molecular biology/biochemistry/structural biology or a related discipline is required with at 5-7 years of post degree experience, industry experience is a plus.
- 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 track record of scientific accomplishments demonstrated through publications in regarded journals and/or intellectual property generation.
- 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
- Training in immunology and cell biology is highly desirable.
- Experience with data analysis and presentation software
- Excellent written and oral communication skills

**Work Environment:**

This job operates in a professional office and/or laboratory environment. The role routinely uses standard office and lab equipment and tools.

**Physical Demands:**

The employee is frequently required to communicate with peers, clients and scientific advisors; is frequently required to remain in a stationary position (desk, lab bench) and move self throughout laboratory bench and vivarium areas; is constantly required to operate a computer and standard lab and office equipment and tools; is occasionally required to ascend/descend stairs or ladders; and is occasionally required to lift and/or move up to 25 pounds.

The above statements are intended to describe the general nature and level of work being performed. They are not intended to be construed, as an exhaustive list of all responsibilities, duties and skills required. The information provided is representative in that the qualifications and physical demands must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodation may be made to enable qualified individuals with disabilities to perform the essential functions.

Onchilles is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for our employees. Onchilles is committed to providing 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. We seek to recruit, develop and retain the most talented people with diverse backgrounds. Onchilles is an Equal Opportunity Employer.

**Benefits & Additional information:**

We 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. We offer the benefits of large pharma companies. Our employees and their dependents are eligible for medical, dental, vision, life and LTD insurance with a 90% - 100% company contribution. We provide a 4% automatic and immediate match to retirement savings and a generous amount of time off through our vacation, paid holiday, sick and floating time off programs (over 40 days!). Our employees also enjoy many other company perks like a 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)