



## Research Associate, Pharmacology & Immunology

### About Us

aTyr Pharma is a biotherapeutics company engaged in the discovery and development of innovative medicines based on novel immunological pathways. aTyr's research and development efforts are concentrated on a newly discovered area of biology, the extracellular functionality of tRNA synthetases. aTyr has built a global intellectual property estate directed to a potential pipeline of protein compositions derived from 20 tRNA synthetase genes. aTyr is focused on the therapeutic translation of the Resokine pathway, comprised of extracellular proteins derived from the histidyl tRNA synthetase gene family. ATYR1923 is a clinical-stage product candidate, based on the Resokine pathway, which binds to the neuropilin-2 receptor and is designed to down-regulate immune engagement in interstitial lung diseases and other immune-mediated diseases. aTyr is publicly traded on Nasdaq under the symbol "LIFE". For more information, please visit <http://www.atyrpharma.com>.

### Overview

Patients and their challenges provide tremendous drive and meaning to what we do at aTyr. We seek a talented and successful individual that deeply desires to participate in our process to make medicines that change a patient's life forever. aTyr currently has an exciting career opportunity

### Scope

We are seeking to add an enthusiastic and highly motivated research associate to our team focused on the design and development of novel medicines based on our research into new biological pathways. In this position, you will play an important role in the drug discovery process through your ability to work with a variety of cell based assays. You will learn to apply cell-based and in vivo assays, using signaling-based read-outs, microscopy, and flow cytometry to support our novel research and pre-clinical development of therapeutic candidates. Cell-based assay development and optimization will be an area of special focus in this position, including cell signaling-based experiments in cultured primary cells to support mechanism-of-action and biomarker studies. You will learn to design, execute, summarize and present the results of your experiments to the research team.

### Experience

The role requires the ability to collaborate with colleagues in a cross-functional, intensely fast-paced team environment. The successful candidate will be self-motivated, resourceful, and flexible with the ability to handle rapidly changing objectives and timelines. Extensive experience working with cells in culture as well as flow cytometry experience using is required, as well as a solid understanding of the assay development process. Sufficiently deep understanding and hands-on experience with data analysis and corresponding software to support assays of this type (Excel, GraphPad Prism) is required.



The ideal candidate will have:

- Extensive experience using aseptic technique to culture human primary and/or cell lines
- Experience quantitating protein analytes using ELISA, multiplex immunoassay platforms, and/or Western Blot
- Experience with RNA isolation and quantifying gene expression by qPCR
- Flow cytometry experience preferred
- Experience in immunocytochemistry techniques preferred
- Strong analytical skills and problem solving ability
- Strong verbal and written communication skills
- Should work with minimal supervision and a high level of initiative
- Must be attentive to details
- Must be skilled in Windows and Microsoft Office (including Word, PowerPoint and Excel) and GraphPad Prism
- B.Sc. or M.Sc. in Immunology/Biology or a related discipline with minimum of 2+ years of experience.

#### **Further Recruiting Information**

For additional information about aTyr Pharma, please visit our website at [www.atyrpharma.com](http://www.atyrpharma.com). aTyr Pharma, Inc. is an EEO employer.

In addition to a competitive compensation package with stock options and an Employee Stock Purchase Plan, aTyr Pharma also offers a comprehensive benefits package for our employees and their families, which includes medical, dental, life, disability and a 401(k) matching contribution.

For consideration, please submit your resume and cover letter referencing job #141SC to [jobs@atyrpharma.com](mailto:jobs@atyrpharma.com). aTyr Pharma, Inc. is an EEO employer.