



Research Associate, Flow Cytometry

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 in vitro cell based assays, and especially flow cytometry. You will design, execute and analyze complex experiments, including multi-color flow cytometry from both in vivo and in vitro studies. Key areas of focus for this position will be in analysis of pathways in immunology including immunophenotyping and characterization of activated immune subsets from human and mouse samples. 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 human primary cells or *ex vivo* mouse samples is required. The candidate should also have experience purifying cellular populations from human and mouse blood and/or tissue using magnetic separation techniques. A solid understanding of flow compensation and data analysis is preferred.



The ideal candidate will have:

- Extensive experience with culture of mammalian cells, and the ability to perform cell-based assays
- Extensive experience in designing & conducting multi-color flow cytometry experiments
- Experience with immunophenotyping adaptive and innate immune cell populations in human and/or mouse
- Background in maintenance and upkeep of a flow cytometer
- Experience analyzing flow cytometry data using FlowJo platform preferred
- Experience quantitating protein analytes using ELISA and/or multiplex immunoassay platforms preferred
- Strong analytical skills and problem solving ability
- Strong verbal and written communication skills
- Should be able to work with minimal supervision and a high level of initiative
- Must be attentive to details
- Must be skilled in FlowJo, Windows, Microsoft Office 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. 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 #142SC to jobs@atyrpharma.com. aTyr Pharma, Inc. is an EEO employer.