



Principal/Senior Scientist, Immunology

About Us

aTyr Pharma is engaged in the discovery and clinical development of innovative medicines for patients using its knowledge of Physiocrine biology, a newly discovered set of immunological and physiological pathways. To date, aTyr has generated three innovative therapeutic programs with three different biologic modalities based on its knowledge of the Resokine pathway to treat patients suffering from severe, rare immune-mediated diseases, as well as various cancers. The Resolaris and iMod.FC programs are agonists of the Resokine pathway designed to temper immune system engagement in diseases characterized by excessive immune cell involvement. aTyr's third program, ORCA, represents a novel, propriety pathway in immuno-oncology that utilizes antibody approaches to block the Resokine pathway and 'release the breaks' on the immune system in the tumor cell environment. aTyr has built an intellectual property estate, to protect its pipeline, comprising over 220 issued patents or allowed patent applications that are owned or exclusively licensed, including over 300 potential Physiocrine-based protein compositions. 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. In this role, you will use your expertise to help determine a mechanism of action of the Physiocrine pathways in immunology and immuno-oncology and progress detailed studies of cellular networks, signaling pathways.

Job Overview

The successful candidate will bring world-class immunology expertise to the role and have a strong desire to move novel therapies forward into clinical studies. A key focus will be to experimentally qualify a mechanism of action of the Physiocrine pathways in immunology and immuno-oncology. The successful candidate will also engage in detailed studies of cellular networks, signaling pathways, and communicate effectively within an interdisciplinary scientific and management team.

Qualifications

- PhD or MD/PhD in immunology, or related discipline, with post-doctoral experience.
- Skilled in cellular and molecular immunology.
- Candidate will have minimum 5-7 years experience, with at least 2 years experience in a biotech or pharma company focused on therapeutic programs.
- A thorough understanding of the drug development process and translational biology.



- Experience in immuno-oncology/cancer immunology/ tumor biology highly preferred.
- Broad understanding of immune-mediated disease mechanisms.
- Experience with test systems studying immune function *in vitro* and *in vivo*.
- Experience with isolation, differentiation, immunophenotyping, and functional studies of human and mouse immune cell populations.
- Experience with flow cytometry and immunoassays is required.
- Demonstrated success in a team-based environment.
- Excellent verbal and written communication skill.
- Track record of publications in top-tier journals and/or patent applications in biologic therapeutics.

Further Information

For additional information about aTyr Pharma, please visit our website at www.atyrpharma.com.

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

Contact

For consideration, please submit your resume and cover letter referencing job **121SR** to jobs@atyrpharma.com. aTyr Pharma, Inc. is an EEO employer.