



Senior Research Associate, Physiology

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, proprietary pathway in immuno-oncology that utilizes antibody approaches to block the Resokine pathway and 'release multiple brakes' 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.

Position Summary

The successful candidate will play an important role in studies to elucidate the underlying biological mechanisms of Physiocrine proteins and will participate in the execution of our research programs and the advancement of Physiocrine leads into clinical development. In this role, you will use your experience to coordinate and conduct in vitro and in vivo experiments to support development of aTyr's lead programs, including qualification and execution of ELISA analyses from pre-clinical experiments. A key area of focus for this position will be to generate data to enhance our understanding of the Resokine pathway and the effects of exogenous Resokine administration. You will have the opportunity to present experimental results and conclusions to various groups within the company.

The Research Associate is a member of the Physiology team, providing data to enable understanding of Physiocrine function and characterization of potential therapeutic utility. The person in this role is expected to perform her/his primary responsibilities with minimal to moderate supervision.

Qualifications



We are seeking an energetic individual who enjoys working with a collaborative team in an innovative research laboratory. The role requires the ability to collaborate with colleagues in a cross-functional, 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 with rodent handling, injections, tissue collection and pre-clinical models of oncology is required; experience using commercially available antibody-based assays (e.g., ELISA, MSD, Luminex) is desired. Experience in an industrial lab focused on protein therapeutics discovery/development is also desired. Experience with scientific software (Excel, GraphPad Prism) is required.

The ideal candidate will have:

- B.S. or M.S. in biology, physiology or related scientific major
 - Minimum of 5 years of relevant laboratory experience, including research and development of biologic therapeutics in a biotechnology or pharma company
 - Experience and success working with pre-clinical oncology models, including syngeneic, xenograftic or orthotopic approaches
 - Strong analytical skills and creative problem solving ability
- Strong verbal and written communication skills.
Should work well with moderate to minimal supervision and a high level of initiative

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

For consideration, please submit your resume and cover letter referencing "Research Associate, Physiology" to jobs@atyrpharma.com. aTyr Pharma, Inc. is an EEO employer.