

Currently Seeking: Research Associate (Jupiter, FL)

Company Overview

Founded in November 2016, Expansion Therapeutics, Inc. is a private company focused on the discovery and development of ribonucleic acid (RNA) targeted small molecule medicines. Ribonucleic acid (RNA) is a polymeric molecule essential in various biological roles in coding, decoding, regulation, and expression of genes. Expansion is focused on expansion repeat disorders, which are responsible for over 30 neurological and neuromuscular diseases, and for which there are currently no satisfactory therapies. Our initial disease focus, myotonic dystrophy type 1 (DM1), is the most frequent cause of adult onset muscular dystrophy.

Expansion Therapeutics' proprietary technology is based on pioneering work from the lab of Dr. Matthew D. Disney of The Scripps Research Institute Florida. In January 2018, we closed \$55.3 million in Series A financing, co-led by 5AM Ventures, Kleiner Perkins, Novartis Venture Fund, and Sanofi Ventures with participation from RA Capital Management and Alexandria Venture Investments. The financing will allow Expansion to advance our portfolio of novel RNA-targeted small molecule medicines to treat rare diseases.

With facilities in Jupiter, Florida, Expansion Therapeutics currently employs 13 individuals in the U.S. It also has a seven-member board of directors, and six-member scientific advisory board comprised of leaders in the field of RNA-targeted small molecule chemistry and biology, RNA folding and structural biology. Additional information about the company is available at www.expansionrx.com.

Position Summary

Perform non-routine and semi-complex research in the laboratory as a Research Associate applying relevant knowledge and techniques to support the Scientific staff.

Essential Functions

- Experience measuring RNA binding with small molecules via fluorescence, BLI, ITC, MST is highly desirable
- Experience performing cross-linking immunoprecipitation (CLIP)
- Mammalian cell culture, experience with iPSCs highly preferred
- RNA-seq library preparation, pipeline construction and data analysis
- Proficient in current molecular biology, cell engineering, and protein production technologies, including DNA/RNA isolation from mammalian cells and tissues and cloning/sub-cloning
- Record experimental data
- Present data and analysis both orally and in writing
- Support upkeep and maintenance laboratory equipment
- Other functions outlined in the Qualifications section below

Qualifications

- Bachelor's degree in a relevant scientific discipline and proven experience in biochemical, molecular and cellular techniques
- At least one year additional research experience in an industrial or academic setting
- Previous experience working with RNA
- Previous experience with mammalian cell culture
- Proficiency in working with large data sets
- Excellent oral and written communication, interpersonal, and presentation skills
- Ability to process and interpret data
- Ability to adapt in a fast-paced environment
- Self-starter with a strong work ethic and ability to work independently and show flexibility when needed
- Familiarity with standard laboratory instrumentation, computers, and office and laboratory software
- Ability to work effectively in teams and collaborate with other scientists including chemists, structural biologists, pharmacologists and toxicologists

How to Apply

Interested candidates should submit their cover letter and CV to careers@expansionrx.com