



## **ABOUT THE COMPANY**

QurAlis is applying precision medicine to advance a novel therapeutic pipeline for the treatment of amyotrophic lateral sclerosis (ALS), frontotemporal dementia (FTD) and other neurodegenerative diseases. Our stem cell technologies can test efficacy of various therapies and provide a transitional bridge to the clinic enabling target validation, discovery, and molecule selection. We are advancing three antisense and small molecule programs addressing sub-forms of ALS that account for most patients. Together with a world-class network of thought leaders, drug developers, and patient advocates, our growing team is at the leading edge of neurodegenerative research and development.

This past year we were honored to win the Fierce15 and the New England Venture Capital Association's NEVY award for Best Emerging Life Science Company in New England's startup ecosystem. We are pioneers in neurodegenerative disease biology, stem cell and antisense oligonucleotides (ASO) technology, biomarkers, and small molecule design. We are honest and empathetic to our patient community, science, colleagues, and ourselves sharing a common passion to urgently discover new medicines for ALS and FTD. We represent a diversity of backgrounds and value collaboration. We believe that success in treating neurodegenerative diseases will be achieved by being precise - targeting the right patients, identifying the right disease mechanism, and carefully developing disease-modifying, clinically meaningful therapies to improve the lives of patients.

### **Summary of Position**

QurAlis is seeking a highly motivated Scientist to support and execute its CNS Biomarker discovery program. The Biomarker scientist will develop translational strategies for novel therapeutics to assess pharmacodynamics, patient selection criteria, and mechanism of action. The Biomarker Scientist will work closely with the QurAlis scientific and management teams to perform and manage studies in a high quality and scientifically rigorous fashion.

### **Primary Job Responsibilities**

- Independently plan and execute experiments, and contribute high level scientific neurodegeneration pathways expertise
- Assay development for customized, highly sensitive RNA and protein quantification
- Design and implement discovery plans and oversee the execution
- Analyze data, interpret results, identify problems, and develop creative troubleshooting plans

- Identification of contract research vendors and management of contract research studies
- Proactively review the scientific field to identify and share new scientific findings, ideas, and methods with other scientists at QurAlis
- Collaborate with clinical experts at QurAlis to translate biomarker plan
- Communicate effectively across the organization with translational medicine, clinical development, and discovery teams.
- Present research findings internally and externally at scientific meetings/conferences

### **Minimum Qualifications Required**

- A PhD in cell biology, molecular biology, biochemistry, neuroscience, or a related field
- 3-5 years relevant experience in academic and/or industry (biotech or pharma) settings including experience in neurodegenerative disease mechanisms, disease modeling, drug discovery or assay development. Previous biomarker development experience is preferred but not required.
- Proven track record of scientific excellence as evidenced by high impact, peer reviewed publications
- Proactive, willingness to contribute to bench work in the lab
- Ability to work independently and collaboratively in cross-functional teams
- Strong organizational skills, work ethic, and high-level motivation
- Capacity to be highly productive in a dynamic and fast-paced work environment
- Comfortable working in or leading matrix team
- Excellent oral, written and interpersonal communication skills
- Authorized to work legally in the United States

### **Additional Qualifications Desired**

- Hands-on experience developing and troubleshooting customized RNA or protein high throughput assays
- Expertise in extracellular vesicle isolation methods from biofluids or cell culture media
- Previous experience managing multiple outsourced projects while maintaining timelines and milestones

*QurAlis is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants without regard to a person's race, color, gender, age, religion, national origin, ancestry, disability, veteran status, genetic information, sexual orientation or any characteristic protected under applicable law. QurAlis will make reasonable accommodations for qualified individuals with known disabilities, in accordance with applicable law.*