



Title: Research Associate, Drug Discovery

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 Research Associate to support and execute its cutting-edge discovery and screening efforts. The Research Associate will work closely with the QurAlis scientific and management teams to perform studies in a high quality and scientifically rigorous fashion.

Primary Job Responsibilities

- Hands on capabilities working with cell culture, preferably mammalian cell culture
- Independently conducts multiple complex experiments within a project scope, exercising judgement to evaluate a variety of technical factors, and obtain optimum solutions
- Perform routine cellular and molecular biology procedures including immunocytochemistry and microscopy
- Develop phenotypic readouts using cell reporter reagents
- Determine RNA and protein levels following gene or protein manipulations
- Order and prepare media, nutrients, buffers, and reagents for cell culture
- Maintain reagent and general lab supply inventory

- Assist in maintenance of the cell culture facility/equipment, and the generation and implementation of standard operating procedures
- Independently plan and execute experiments with direction from senior scientific staff and accurately analyze, summarize, and present data
- Organize an effective working schedule and prioritize tasks appropriately
- Ability to improve and develop new protocols/new assays to address key questions
- Contribute to maintaining a clean, safe, and orderly work environment
- Work with cross functional drug development group to bring research stage molecules to clinical development.
- Prepare, present and review scientific presentations for internal/external use
- Be an empowered and supportive team member who collaborates effectively across different work groups
- Must have scheduling flexibility to enable weekend and holiday work rotations
- Training for specific techniques will be provided

Minimum Qualifications Required

- A Bachelor's degree in cell biology, biochemistry, neuroscience, or a related field
- 2+ years relevant laboratory experience in academic and/or industry (biotech or pharma) settings including mammalian cell culture. Stem cell experience is strongly preferred but not required.
- The successful candidate will demonstrate strong conceptual ability; the capacity to work well independently on design and implementation of experiments, and the ability to interact and collaborate successfully 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
- Excellent oral, written and interpersonal communication skills
- Authorized to work legally in the United States

Additional Qualifications Desired

- Hands-on experience culturing induced pluripotent stem cells or neurons
- Experience with immunocytochemistry and western blot techniques
- Experience with microscopy

Please send resume with cover letter to careers@quralis.com