



Discovery Scientist, Early Pipeline [Scientist I]

ABOUT THE COMPANY

At QurAlis, we are neuro pioneers on a quest to cure. We work with a relentless pursuit of knowledge, a precise attention to craft, and an optimistic mindset to discover and develop effective precision medicines that will alter the trajectory of amyotrophic lateral sclerosis (ALS), frontotemporal dementia (FTD), and other neurodegenerative diseases. Founded by an internationally recognized team of neurodegenerative biologists from Harvard Medical School and Harvard University, QurAlis is a clinical-stage biotechnology company advancing a pipeline with therapeutic candidates that target specific components of ALS and FTD pathology and defined patient populations based on both disease-causing genetic mutation(s) and clinical biomarkers.

SUMMARY OF POSITION

QurAlis is seeking a highly motivated Discovery Scientist (PhD with 0–4 years of academic post-doc or industry experience) to play a leading role in early pipeline target discovery and validation using human stem cell-based disease models.

This individual will drive experimental strategy and execution for novel target identification, disease modeling, and mechanistic studies, working cross-functionally with Discovery, Translational, and Development teams. The ideal candidate brings deep expertise in human iPSC-derived neural models and a strong foundation in neurodegenerative disease biology within a drug discovery environment.

This is a hands-on, high-impact role with opportunity for scientific leadership and increasing responsibility in program advancement.

Primary Job Responsibilities:

- Independently plan and execute early pipeline experiments, and contribute high level scientific neuroscience-focused biology expertise
- Design and execute target/indication specific model development and phenotype validation in patient iPSC-derived cell types
- Initiate and perform efficacy and mechanism of action studies to build target validation data packages
- Analyze data, interpret results, identify problems, and develop creative troubleshooting plans
- Proactively review the scientific literature to identify and share new scientific findings, ideas, and methods with other scientists at QurAlis
- Present research findings internally and externally at scientific meetings/conferences
- Manage contract research studies and research associates
- Must have scheduling flexibility to enable occasional weekend and holiday work rotations

Primary Job Requirements:

- A PhD in cell biology, biochemistry, neuroscience, or a related field with 0-4 years of post-PhD academic or industry research experience. Expertise in neurodegenerative, neurodevelopmental or other neurological disease mechanisms, disease modeling, drug discovery and antisense oligonucleotides (ASO) is preferred.
- Demonstrated experience in neurodegenerative disease biology and/or human disease modeling



- Strong hands-on experience with iPSC culture, neural differentiation, and phenotypic assay development
- Experience designing and executing target validation and mechanistic studies
- Demonstrated ability to independently drive projects and influence scientific direction
- Experience with mRNA and protein quantification techniques
- 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
- Excellent oral, written and interpersonal communication skills
- Authorized to work legally in the United States

Additional Qualifications Desired:

- Proven track record of scientific excellence as evidenced by high impact, peer reviewed publications
- Drug discovery experience in target validation and/or mechanism of action studies
- Hands-on experience with CRISPR/Cas9 gene editing
- Experience mentoring junior scientists

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

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.