Aquinnah Pharmaceuticals
ALS Scientist Posting

Aquinnah Pharmaceuticals is a vibrant biotechnology company located at Lab Central, a new state of the art facility in the heart of Technology Square, Cambridge, Mass, with a focus on developing novel treatments for ALS, Alzheimer's and other neurodegenerative diseases based on the biology of Stress Granules and RNA binding proteins. Our investors include three world class pharmaceutical companies dedicated to curing neurodegeneration: AbbVie, Pfizer, and Takeda Pharmaceuticals.

We are now hiring exceptional *Ph.D. Scientists* to expand our ALS drug discovery and development capabilities.

The successful candidate will be creative, energetic, results oriented, enjoy working in a team-based fun environment, and be highly motivated to the discovery of new therapies for the treatment of ALS and other neurodegenerative diseases.

The ideal candidate should have a broad scientific skill set and be able to contribute to multiple projects required for the selection of a clinical drug candidate. This work will entail the selection and conduct of appropriate *in vitro* and *in vivo* studies using neuronal cell cultures and animal models of neurodegenerative disease.

This position will have excellent growth potential and the successful candidate will gain exposure to the breadth of activities required to develop first in class therapeutics, from an accomplished industry experienced leadership team. They will be expected to function independently, yet act collaboratively within a team environment, helping to generate, analyze and concisely communicate results. Candidates should have a Ph.D. with demonstrated experience in neurobiology and/or drug discovery. Salary will be competitive and commensurate with experience with very attractive employee benefits.

Responsibilities include:

- Develop cellular models to recapitulate various features of the ALS disease process.
- Use cellular models to drive mechanism of action studies and develop pharmacodynamic biomarkers for lead compounds.
- Develop translational biomarkers that link cellular activity to disease mouse models.
- Use biomarkers to support mouse model characterization and efficacy studies.
- Assessment of mechanistic drug efficacy in both *in vitro* and *in vivo* neurodegenerative disease models.
- Integration and reporting of relevant literature to scientific approaches.
- Critical analysis of experimental approaches, experimental protocols and results.
- Strong collaborative interactions with biology and chemistry team members.
- Supervision of research associates in experimental design & problem solving.
- Documentation, compilation and interpretation of experimental data.
- Presentation of data and future experimental approaches at weekly team meetings and in written reports.
- Management of databases, spreadsheets and reports of salient findings.
- Contribute to strategic discussions on ALS, Alzheimer's and other neurodegenerative disease drug discovery projects.

Experience and skills required:

- A Ph.D. (+2-10 years' experience) in neurobiology including ALS, stress granule and/or RNA biology preferred or related disciplines.
- Proven track record in an academic university, pharmaceutical or biotech company.
- Strong background in cell and molecular biology, including but not limited to primary and iPSC neurons, RNA analysis, biomarker identification, development of assays and validation, high content imaging, cellular and *in vivo* models of TDP-43, C9orf72 and drug discovery experience.
- Excellent ability to design and conduct *in vitro* and/or *in vivo* experiments
- Experience in HTS assay development, drug discovery and development a plus.
- Excellent communication (oral and written) and analytical skills to report on results and propose new scientific directions.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, and national origin, disability or protected veteran status.

For further information, visit our website at AquinnahPharmaceuticals.com

Send your curriculum vitae and inquiries to: hr@aquinnahpharma.com

Aquinnah Pharmaceuticals   Lab Central, 610 Main Street   Cambridge, MA