



## ***Aquinnah Pharmaceuticals***

### ***Alzheimer's 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 hiring exceptional *Ph.D. Scientists* to expand our exciting new Alzheimer's Disease drug discovery and development programs.**

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 Alzheimer's, 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 design 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. The candidate will be expected to function independently, yet act collaboratively within a team environment, helping to generate, analyze and concisely communicate results and future plans. 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 and characterize mammalian cellular models of tau biology using Aquinnah's innovative stress granule platform.
- Investigate mechanism of action studies for tau inhibitors and develop in vitro pharmacodynamic biomarkers.
- Develop and characterize translational biomarkers from cellular assays to Alzheimer's disease mouse models; for selection of drug development candidates.
- Design and analysis of well controlled experiments, followed by group presentation of experimental results, interpretation and conclusions, and future experimental design for program advancement.
- Written reports of salient experimental results.
- Supervision of research associates and assistance to trouble shoot methodological problems in experimental protocols.
- Contribute to strategic discussions on drug discovery and development projects for both Alzheimer's, ALS and other neurodegeneration programs.
- Presentation of program status and progress to the leadership team on a regular basis.

### **Experience and skills required:**

- A Ph.D. (+2-10 years' experience) in neurobiology with experience in Alzheimer's disease research. Candidates with tau research experience are preferred.
- Proven track record of accomplishment in an academic university, pharmaceutical or biotech company.
- Knowledge and experience in neurodegenerative diseases; preferably in stress granule biology, RNA binding proteins, and proteostasis.
- A strong background in cell biology and molecular biology, including but limited to primary and iPS neurons, cellular models of tau biology, biomarker identification, validation and assay development.
- Excellent experimental design and execution, using *in vitro* and/or *in vivo* models.
- HTS assay development, assay validation and drug discovery R&D, an added 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](http://AquinnahPharmaceuticals.com)

Send your curriculum vitae and inquiries to: [hr@aquinnahpharmaceuticals.com](mailto:hr@aquinnahpharmaceuticals.com)