



Aquinnah Pharmaceuticals Position Description

Scientist

Aquinnah Pharmaceuticals is a vibrant new biotechnology company located at Lab Central, a new state of the art facility in the heart of Cambridge, MA, with a focus on developing novel treatments for ALS, Alzheimer's and other neurodegenerative diseases, based on the biology of RNA binding proteins.

We are seeking an exceptional *Scientist* to expand our drug discovery capabilities.

The successful candidate should be highly motivated, flexible and enjoy working in a team-based environment with a strong interest in contributing to the discovery of new therapies for the treatment of neurodegenerative disease.

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 both neuronal cell cultures and animal models of neurodegenerative disease.

The candidate will be creative, energetic, results-oriented, and highly motivated to develop novel neurodegenerative therapies. This position will have growth potential and the successful candidate will gain exposure to the breadth of activities required as the company develops. They will be expected to function independently, yet also 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.

Responsibilities include:

- Development, and optimization of both low and high throughput screening assays



- Generation and maintenance of cell lines, rodent primary neuronal cultures and/or human iPSC-derived neurons
- Assessment of drug efficacy in *in vivo* neurodegenerative disease models
- Analysis of experimental data, addressing methodological problems in experimental protocols and results, and presenting data
- Interaction and collaboration with biology and chemistry team members to optimize the properties of lead compound series
- Documentation, compilation, and assistance in the interpretation of experimental data
- Presentation of data to leadership team in oral and written reports
- Management of databases and spreadsheets to compile and present results in a meaningful manner

Experience and skills required:

- A Ph.D. (+3 years experience) in neurobiology or related discipline
- Proven track record in either an academic and/or pharmaceutical drug environment
- Strong command in neurobiology and related lab techniques, including *in vitro* and/or *in vivo* experience, with industry drug discovery experience preferred
- Excellent communication (both oral and written) and analytical skills to report on results and propose new scientific direction
- Excellent ability to design and conduct *in vitro* and *in vivo* experiments
- Experience in HTS assay development preferred
- Knowledge of relevant scientific databases

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 AquinnahPharma.com

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