**Summary of Position**

Luye pharma is a leading life science group with R&D sites located in Greater Boston, MA; Princeton, NJ; Nanjing, China; and Yantai, China, that invents, discovers, develops, manufactures, and commercializes medicines for the treatment of serious medical conditions for Oncology, CNS, metabolism and other areas of high unmet medical need.

We are seeking a highly motivated individual to join our team as an Investigator/Senior Investigator to advance our gene therapy programs and contribute towards innovative therapies for patients with serious neurodegenerative diseases. This is an ideal position for an individual with strong experimental skills, who thrives in fast-paced and cross-disciplinary research and development settings. The individual will work in the laboratory and be responsible for experimental development, execution and data analysis for preclinical research studies supporting cutting edge therapeutic programs and platform discovery research in neurodegenerative disease areas.

**Role and responsibilities**

The Investigator/Senior Investigator will:

* Develop and execute in vitro cell and tissue-based assays for target discovery and research
* Design and conduct in vivo disease model studies in house or at CROs.
* Collaborate with internal and external collaborators
* Performing data analyses and delivering data presentation to the scientific team
* Ensuring maintenance of industry-quality records to provide documentation
* Contribute to high impact research publications/patent applications and regulatory filings

**Qualifications**

* PhD (+ 2 years) experience in neuroscience or related discipline
* Outstanding problem-solving and troubleshooting skills
* Ability to be highly productive in a fluid and fast-paced work environment
* Hands-on experience in mammalian cell cultures (including neuronal cell, stem cell and iPSC culture and differentiation) and cell-based assays for drug research and development
* Hands-on experience in molecular, biochemical and cell biological assays including tissue and cellular DNA/RNA isolation, qRT-PCR, ELISA, in situ hybridization, immunohistochemistry, and cell/tissue imaging by microscopy
* Demonstrated experience in animal handling, drug delivery via different routes (IV, IT, stereotaxic brain injection, etc.), tissue collection and processing
* Hands-on experience in rodent behavioral assays
* Experience in AAV gene therapy will be a plus
* Good communication skills, team work ethics and ability to multi-task
* Strong commitment to accountability for completion of projects in accordance with team plans