NeuExcell THERAPEUTICS

200 Innovation Blvd. Suite 258B
State College, PA 16803
www.neuexcell.com

Job Posting
December 2020

Title: Senior Research Associate

Responsibilities:

- Conduct company's preclinical research and development
    - generate *in vitro* and animal POC data to support selection of pipeline target indications
    - construct and evaluate AAV clinical vector candidates
    - conduct vector process development activities
    - perform *in vitro, in vivo*, and potency assays
    - perform in vivo preclinical studies (both internally and through external CROs) needed to support regulatory submissions
- Learn new techniques in gene therapy, neurology, and trans-differentiation fields
- Help manage the pre-clinical projects with external resources, including CROs for CMC, toxicology studies, pharmacology studies for gene therapy programs
- Support filing and meetings with regulatory agencies such as FDA.

Qualification:

- Master's Degree in biological sciences required
- Strong academic credentials, intellectual curiosity and learning capabilities required
- Self-initiation and independent research capabilities required
- Excellent oral and written communication, negotiation and leadership skills required
- 2+ years of full-time experience in the molecular biology, gene expression, RT-PCR, sequence analysis, tissue culture, immunohistology, AAV and/or other gene therapy required
- Experiences in neurosciences and animal work strongly preferred
- Experiences in codon optimization and other gene therapy vector improvement techniques strongly preferred
- Experiences in AAV and/or other viral production strongly preferred
- Experience in establishing and managing effective interactions with third parties, including CROs and collaborators preferred

Company:
NeuExcell is an early-stage gene therapy company focusing on neurodegenerative diseases. We have developed a disruptive neural repair technology that utilizes *in vivo* astrocyte-to-neuron conversion. Our vision is to improve the quality of life of millions of patients worldwide who are suffering from neurodegenerative conditions by using the power of gene therapy to restore damaged neural tissue.

Location:
State College, PA (with anticipated move to the Philadelphia metro area in Q2'2021)

Supervisor:
Head of Discovery