Scientist I, Neuroscience

Description:
Exicure, Inc. is seeking an experienced and independently motivated scientist to join its expanding preclinical neurology department in Skokie, Illinois. This dynamic position is suited for an individual who: i) possesses a strong background in preclinical in vitro and in vivo neurobiology, and ii) thrives in a fast-paced, team-oriented environment. The successful candidate will be responsible for executing and analyzing experiments as a member of a cross-disciplinary team focused on developing and advancing central nervous system (CNS) programs. Prior experience with nucleic acid therapeutics is preferred but not required.

Responsibilities:
• Lead scientist on multiple preclinical CNS programs
• Design, execute, and interpret experiments centered around nucleic acid technologies
• Develop, validate and implement program-specific assays
• Build out induced pluripotent stem cell (iPSC)-derived neuronal cell culture platform
• Present data internally and at scientific conferences
• Function in a team environment by effectively collaborating within and across departments

Education / Experience:
• Ph.D. in neuroscience (preferred), cellular biology, genetics, biochemistry, molecular biology or related field with 0-2 years of relevant experience
• Substantial experience with CNS dysfunction and/or neurodegeneration
• Substantial experience with iPSC and induced neuron biology – generation, maintenance, and differentiation
• Strong expertise in mRNA and DNA isolation (cells/tissue) and quantification techniques
• Familiarity with various imaging techniques, including IHC and ICC
• Knowledge of antisense, siRNA or related therapeutic approaches is strongly preferred
• Experience with basic biochemical techniques, including Western blot and ELISA
• Strong interpersonal skills as well as excellent communication and presentation abilities

About Exicure:
Exicure, Inc. is a clinical stage biotechnology company developing a new class of immunomodulatory and gene regulating drugs against validated targets. Exicure’s proprietary spherical nucleic acid (SNA™) architecture is designed to unlock the potential of therapeutic oligonucleotides in a wide range of cells and tissues. Exicure’s lead programs address inflammatory diseases, genetic disorders and oncology. Exicure is based outside of Chicago, IL.

To apply for this position, please send a cover letter and resume/CV to gcorbett@exicuretx.com.