

## 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](mailto:gcorbett@exicuretx.com).