Electrophysiologist Position

Background
Autifony is a cutting-edge biotech company dedicated to developing new medicines to treat CNS disorders by deploying its pioneering ion channel drug discovery platform. Since its formation in 2011, Autifony has delivered multiple candidate molecules into clinical development and validated its approach with a number of successful deals and partnerships. The Company's clinical pipeline includes Kv3 modulators for Schizophrenia, Fragile X and rare epilepsy syndromes. Autifony's early stage pipeline contains a range of ligand- and voltage-gated channels, including a particular interest in lysosomal targets, that are aligned with CNS indications such as epilepsy, neurodegeneration (Parkinson's, Alzheimer's disease), vascular dementia and lysosomal storage disorders.

Autifony is based at the Stevenage Bioscience Catalyst in the UK (www.autifony.com).

Requirement
Looking to expand its biology team, Autifony is seeking highly motivated electrophysiologists with experience in ion channel research and pharmacology/drug discovery to become part of a dynamic preclinical R&D group focused on the discovery and development of novel ion channel therapeutics.

Experience
- Applicants should have relevant hands-on experience and a demonstrable track record in in vitro whole cell patch-clamp recordings from either recombinant, native cells or tissue slice preparations and/or use of solid supported membrane-based electrophysiology (SSME) exemplified by the Nanion Technologies SURFE^{2}R system.
- Candidates should have a good understanding of ion channel structure, function and biophysics together with the principles of electrophysiology and pharmacology applied to the field of CNS therapeutics.
- Additional skillsets of interest include working knowledge of lysosomal biology, compound mechanism of action studies and/or use of automated electrophysiology platforms.
- Experience already gained in biotech, pharma, academic drug discovery institutes or CROs in the life sciences sector would be an advantage

Responsibilities
- Planning, designing, conducting, troubleshooting and analysing bespoke experiments aligned with the drug discovery and new target validation goals of the company
- The candidate will be expected to prepare experimental summaries, presentations at internal and external meetings e.g. at project teams or with partners companies or at conferences, and prepare research reports and contribute to research papers for publication

Essential Skills
- Applicants must have good written and oral communication skills in English.

- Highly motivated to learn and/or apply new techniques to the field of ion channel drug discovery
- Ability to work independently and as part of a team

Qualifications

- PhD degree preferred. Additional experience including postgraduate or equivalent industry experience in the life sciences would be advantageous.

APPLICATION PROCESS:

For full consideration, please send a cover letter containing information regarding your research interests and a CV, to: info@autifony.com