



## **BACKGROUND**

Autifony is a cutting-edge biotech company dedicated to developing new medicines to treat rare genetic CNS disorders by deploying its pioneering ion channel drug discovery platform. Since its formation in 2011, Autofony has delivered three candidate molecules into clinical development. The Company's pipeline includes clinical stage Kv3 modulators for Fragile X and rare epilepsy syndromes. Earlier stage programmes on other voltage- and ligand-gated channels, including lysosomal ion channels, are aligned with CNS indications such as epilepsy, Parkinson's and Alzheimer's disease, vascular dementia and lysosomal storage disorders. Autofony is based at the Stevenage Bioscience Catalyst in the UK and at the Istituto di Ricerca Pediatrica, Citta' della Speranza in Padova, Italy ([www.autifony.com](http://www.autifony.com)).

Autifony is looking to expand its medicinal chemistry team, and is seeking a self-motivated, creative, and enthusiastic individual to become part of a dynamic preclinical R&D group. This role will be based at the Autofony laboratory at the Stevenage Bioscience Catalyst in Hertfordshire, UK.

## **MEDICINAL CHEMIST**

A medicinal chemist with a strong chemistry background, and with a minimum of 2 years synthetic chemistry experience in a pharmaceutical or biotech environment. The successful candidate will be expected to design, synthesize and characterize new chemical entities with properties and structural features targeted to CNS diseases.

### **Essential Skills**

- Good knowledge of synthetic and medicinal chemistry principles
- Strong ability to perform retrosynthetic analysis and design appropriate synthetic routes
- Ability to plan and execute multiple synthetic transformations independently and apply appropriate analytical and purification techniques to deliver fully characterized and pure target molecules from milligram to gram quantities
- Ability to perform literature searches and apply results to solve synthetic challenges
- Well organized and able to keep good records and documentation
- Works effectively in a team environment

### **Experience**

- A minimum of 2 years synthetic chemistry in a pharmaceutical or biotech environment
- Good knowledge and hands-on experience of small molecule drug discovery
- Familiar with good safe working practices and COSHH guidelines
- Excellent verbal and written communication skills

### **Qualifications**

- Degree in a relevant chemistry discipline with a minimum of 2 years relevant experience
- May have a PhD in a relevant chemistry discipline