



Scientist – Ion Channel Screening

(Full time, permanent)

Company: Metrion Biosciences
Location: Granta Park, Cambridge, UK
Contract: Permanent, full-time (37.5 hours per week)

About Metrion

Metrion Biosciences ('Metrion') is a UK-based, ion channel-focused Contract Research Organisation (CRO) providing high-quality *in vitro* preclinical drug discovery and safety profiling services. From our headquarters at Granta Park, Cambridge, we support a global customer base with ion channel drug discovery screening, cardiac safety profiling, and neuroscience assay services.

Role Summary

Due to continued growth, we have multiple opportunities for Scientists to join our ion channel screening team.

We are looking for experienced, hands-on laboratory scientists with a background in ion channel research, pharmacology or drug discovery. The successful candidates will support the delivery of high-quality screening studies across a range of client programmes, using a variety of cell-based, plate-based and electrophysiology assay platforms.

These roles would suit scientists who enjoy practical laboratory work, data analysis and working collaboratively in a fast-paced research environment. Previous experience in an industrial, CRO or drug discovery setting would be advantageous.

Key Responsibilities

- Perform ion channel screening assays to support client drug discovery programmes.
- Conduct plate-based and/or electrophysiology experiments to generate high-quality pharmacological data.
- Work with recombinant cell lines and other relevant cellular assay systems.
- Prepare cells, solutions, reagents and test compounds for experimental studies.
- Analyse experimental data using established analysis workflows and prepare data summaries and reports.
- Work closely with project teams to ensure high-quality and timely delivery of client studies.
- Maintain accurate laboratory records and work in accordance with company quality systems and standard operating procedures.
- Support the routine operation, maintenance and care of laboratory instrumentation.
- Troubleshoot experimental and assay-related issues as required.
- Contribute to the continuous improvement of assays, laboratory workflows and scientific capabilities across the team.

Essential Skills and Qualifications

- Degree-level qualification, or equivalent experience, in physiology, pharmacology, neuroscience, biomedical sciences or a related biological discipline.
- Practical experience in performing plate-based assay experiments and/or whole-cell patch-clamp electrophysiology.

- Practical laboratory experience within ion channel research, pharmacology, drug discovery or a closely related field.
- Hands-on experience performing cell-based, plate-based and/or electrophysiology assays.
- Experience generating, analysing and interpreting experimental data.
- Strong attention to detail and a track record of producing high-quality, reproducible laboratory data.
- Good organisational, written and verbal communication skills.
- Ability to work independently at the bench while also contributing effectively within a multidisciplinary scientific team.
- A proactive and flexible approach, with enthusiasm for delivering high-quality science.

Desirable Skills and Experience

- Experience in ion channel pharmacology and screening.
- Experience with automated electrophysiology platforms.
- Experience with plate-based ion channel or cell-based screening assays.
- Mammalian cell culture experience, including maintenance of recombinant cell lines.
- Experience with cardiac ion channels, cardiac electrophysiology or stem cell-derived cardiomyocytes.
- Experience in neuroscience-related ion channel assays.
- Industrial, biotechnology, pharmaceutical or CRO experience.

Why Metrion?

At Metrion, you will:

- Join a leading UK CRO specialising in ion channel drug discovery and safety pharmacology.
- Work with state-of-the-art screening and electrophysiology technologies.
- Contribute to a diverse range of drug discovery programmes spanning ion channels, cardiac safety and neuroscience.
- Work alongside experienced scientists in a collaborative and scientifically driven environment.
- Have opportunities to develop your technical and scientific expertise across a range of ion channel assays and platforms.
- Receive a competitive salary and comprehensive employee benefits package, including:
 - 8.5% employer pension contribution
 - Generous life insurance package
 - Private medical cover
 - Health cash plan
 - Subsidised gym membership
 - Cycle to Work scheme

Interested applicants should send a CV and cover letter summarising their interest and suitability for the role to careers@metrionbiosciences.com.