

## **Excellerate Bioscience Limited**

### **Research Scientist - Job Description**

As a Scientist at Excellerate Bioscience you will be an integral member of a team that supports a portfolio of partner research contracts across multiple disease areas. You will apply your scientific background in *in vitro* pharmacology to develop primary assays for assessing the affinity, kinetics, potency and efficacy of novel drug candidates. In addition, you will utilise the latest technologies to determine compound mechanism of action in both recombinant and primary human cell systems. Working within a matrix environment, you will collaborate seamlessly with multi-disciplinary teams in partner companies to help progress their drug discovery programmes. You will be responsible for analysing, interpreting and presenting your data at group and departmental meetings, as well as writing internal and external documents on technical and scientific findings.

You will possess strong experimental and analytical skills with a background in molecular pharmacology, biochemistry and cell biology. Experience in quantitative pharmacological analysis will be beneficial. You will be flexible, team-orientated and maintain a high level of self-motivation.

#### **ROLE RESPONSIBILITIES**

- Independently perform laboratory experiments to establish robust biochemical and cell-based compound screening assays across a broad array of target classes
- Maintain immortalized and primary cell cultures as needed for assay development and low volume screening efforts
- Collaborate with group members to ensure alignment around assay technology selection, assay quality criteria and validation requirements
- Operate a broad array of liquid-handling and plate-based pharmacology equipment to ensure efficient automated workflows for newly developed assays
- Analyse and present experimental results to project teams
- Maintain high quality experimental records within laboratory notebook.

#### **QUALIFICATIONS**

- At least a 2:1 BSc or Masters in biology, pharmacology, biochemistry or a related field with preferably at least 1 year of laboratory experience in a drug discovery environment. Consideration and full training will be given to new graduates that can demonstrate a desire and aptitude to learn in the relevant field.
- Scientific understanding of the major target classes (GPCRs, enzymes, ion channels, PPI)
- Experience with assay development methodologies
- Experience with cell culture (primary and immortalized)
- Experience (not essential) in low to moderate throughput compound screening
- Experience (not essential) with automation of liquid handling and screening cascades
- Ability to conduct data analysis using Excel, GraphPad Prism, or equivalent software.
- Ability to complete experiments and present results in individual and group settings
- Ability to work on multiple programs simultaneously and be an integral member of cross-functional project teams
- Proven verbal and written communication skills, and the ability to work in a collaborative team environment

If you are interested in joining an innovative, fast growing company that puts people at the heart of it's organisation, please send your CV with covering letter to [info@excelleratebio.com](mailto:info@excelleratebio.com)