Scientist II | Axol Bioscience

Babraham, full-time

Overview

To support the continued growth of the organisation, we are seeking an enthusiastic Scientist to contribute to the delivery of our portfolio of service and custom projects.

Duties

- Work independently to plan, organise, execute, troubleshoot and deliver projects to a high standard and in accordance with project plans
- To contribute to ideas and help shape future project direction
- Use previous knowledge and/or experience to identify problems and optimise processes
- Analyse and interpret experimental data; identify and solve experimental problems
- Prepare high quality data packages, clearly disseminating results to the relevant stakeholders
- Report on milestone delivery and project status to the Group Leader
- Be an effective team member in supporting service and R&D functions of the company
- Perform daily laboratory housekeeping activities, including but not limited to cleaning of laboratories, stock control and waste disposal.
- Completion of laboratory notebooks and standard forms in accordance with Standard Operating Procedures & good documentation practice.
- Preparation and maintenance of Standard Operating Procedures.
- Providing weekend cover for cell culture as required on a rotational basis.
- Compliance with all Health and Safety policies and procedures.
- Computer literate with specific skills in the use of Microsoft Word, Excel and PowerPoint.
- Excellent record keeping skills with a good eye for detail.

- Organisational, planning and time management skills with the ability to plan ahead whilst delivering results to a deadline.

This job description is not exhaustive, and you may be required to undertake other duties that are in line with the above responsibilities

Qualifications

- A minimum of a PhD level of qualification in cell biology/life science subject or a relevant BSc/MSc with 3-5 years' experience.
- Knowledge and practical experience of working with induced Pluripotent Stem Cells (iPSCs)
- Experience with characterisation of iPSC lines using (but not limited to) immunocytochemistry, fluorescent microscopy and flow-cytometry
- Experience and expertise in, plate based cellular and molecular assays like, but not limited to, flow cytometry, ELISA, qPCR, western blot.
- Knowledge of live-cell imaging as well as analysis using IncuCyte and other similar systems would be beneficial
- Knowledge of Multi-Electrode Array analysis using an Axion Maestro Pro or other similar systems would be beneficial.
- Should be able to work independently in planning, development and optimisation of new assays as well as troubleshooting problems
- Experience of differentiation of hiPSC lines to neuronal and other lineages for drug discovery including preparing reagents, thawing cells, media changes, passaging cultures, scale-up and cryopreservation would beneficial
- Knowledge of reprogramming of primary cell material to iPSCs as well as with genome engineering (i.e. CRISPR) in mammalian cells but preferably in human stem cells would be desirable
- Knowledge and understanding of molecular biology techniques such as DNA, RNA and protein extraction, DNA electrophoresis, PCR.
- Experience in an industry setting is beneficial, but not essential
- Excellent record keeping skills with a good eye for detail
- Organisational, planning and time management skills with the ability to plan ahead whilst delivering results to deadline
- Excellent team working and communication skills

Communication and people skills are key to the success of the department. The post holder must communicate widely with personnel at all levels within Axol Bioscience Ltd, with suppliers and customers as required. The post holder is expected to engage in and promote positive communication within the team and the company as whole.

Benefits

- Bereavement leave
- Company events
- Company pension
- Enhanced maternity leave
- Enhanced paternity leave
- Free flu jabs
- Free parking
- Life insurance
- On-site parking
- Private dental insurance
- Referral programme
- Sick pay

Work Location: In person, Babraham