

## **JOB DESCRIPTION**

Post Title: Senior Scientist

Line Manager: Group Leader - Bioassays

### **JOB PURPOSE:**

To undertake research under the guidance of the Bioassay Group Leader and support the supervision of other members of staff who may be assisting with the research.

### **MAIN DUTIES AND RESPONSIBILITIES:**

#### ***Professional / Technical***

- To support the Bioassay Group Leader and Project Teams in achieving the timely delivery of client sponsored projects and the development of novel technologies for customer offering.
- To work with a variety of test molecules including toxin conjugates.
- To independently undertake experimental research using a range of techniques, including plate-based biochemical and cellular assays, fluorescence microscopy and flow cytometry.
- To be able to critically analyse and interpret data.
- To produce research reports and/or publications as required by the Sponsor or for dissemination to the wider academic community.
- To take responsibility for planning and developing research methods and techniques within the framework of the research programme and aligned with the Corporate strategy of the Company.
- To actively take part in the smooth running of the Bioassay Team, i.e. ensuring SOPs and Health & Safety documentation are up to date, contributing to general lab upkeep and instrument maintenance.
- To undertake any other duties relevant to the programme of research.

#### ***Interpersonal / Team***

- To keep the Bioassay Group Leader and Project Leaders informed of research findings in a timely fashion.
- To collaborate with research colleagues and support staff internally as appropriate to the research project.
- To provide guidance and support to any junior members of staff associated with the project.
- To attend and contribute to relevant internal and external meetings.

#### ***Systems / Procedures***

- To ensure that responsibilities identified within internal processes, such as Health and Safety guidelines, SOPs, IT etc. are rigorously adhered to.
- To keep accurate records and document all research findings in accordance with company policy.

## **KEY COMPETENCIES**

### ***Qualifications/Experience***

#### *Essential:*

- A Master's degree in Biological Sciences or equivalent recognised professional expertise.
- At least 2 years research experience in industry.

#### *Desirable:*

- A PhD in immunology, oncology or other relevant area.

### ***Skills & Knowledge***

#### *Essential:*

- Extensive knowledge and research experience in immuno-oncology.
- Ability to apply a significant range of standard skills to support biological characterisation/screening assays performed on multiple platforms, such as microplate readers, flow cytometers and fluorescence microscopes.
- Previous experience with primary blood cells handling and practical knowledge of in vitro assays for the characterisation of immuno-oncology compounds, such as T cell activation assays.
- Ability to design, plan and carry out experimental work in a proficient and accurate manner.
- Ability to undertake critical analysis and evaluation of routine data.
- Ability to exercise substantial autonomy and initiative.
- Good attention to detail and ability to work consistently to a high standard.
- Demonstrates excellent interpersonal, networking and communication skills.
- Ability to identify and analyse routine and complex problems and issues.
- Excellent ICT skills (Word, Excel, PowerPoint).

#### *Desirable:*

- A good understanding of the research environment in industry.
- Experience of writing to publication standard or independently producing other research outputs

### ***Personal Qualities***

#### *Essential:*

- A clear commitment to contributing to the research environment and producing high quality research outputs.
- Proactive independent attitude.
- Flexible and adaptive with a positive approach to change.
- A committed team-player.