

## Job Description

<b>Job Title:</b>	<b>Mass Spectrometry Data Analysis Pipeline Developer</b>
<b>Location:</b>	<b>Abingdon, Oxfordshire (Hybrid)</b>
<b>Pay Range:</b>	<b>Market Rate Pay – depending on experience and skills</b>

### About Oxford Biotherapeutics:

Oxford Biotherapeutics is a clinical-stage biotechnology company for the development of antibody therapeutics for the treatment of cancer. You will play an integral role in the pre-clinical development of novel immuno-oncology therapeutics. Our OGAP® platform is the world's largest, cancer specific, membrane protein library, directly measuring plasma membrane protein expression in patient tumors. OGAP is used to identify novel, highly tumor specific antigens for novel first-in-class ADC, Bispecific T-cell Engager (BITE®) and Chimeric Antigen Receptor (CAR) targets. Our lead asset, OBT076, is an Antibody Drug Conjugate (ADC) in Phase 1b clinical development. Our clinical and pre-clinical pipeline of novel biologics is balanced between internal programs, focused on ADCs and checkpoint regulators, and externally partnered programs with key innovators in oncology such as Boehringer Ingelheim, Immunogen and Genmab.

### Purpose of the Role

To improve the mass spectrometry-based quantification algorithm used within OBT's OGAP platform for proteins identified across a range of sample types.

### Roles and Responsibilities:

This role will involve:

- Review of current protein quantification algorithms in use at OBT.
- Liaising with the Bioinformatics team to identify requirements for improvements and to set expectations.
- Review of publications related to mass spectrometry-based protein quantification.
- The selection of the optimal method based on the nature of the data within OGAP and the identified requirements.
- Design, development of a computational algorithm to implement the method.
- Working with the Information Systems team to implement the new process alongside the existing ones within OGAP.

## Job Description

- Full system and performance testing.
- Subsequent fine-tuning based on feedback and experience gained.

Please note the roles and responsibilities for the position include but are not limited to the above.

### **Knowledge, Experience, and Skills:**

#### Essential:

- Degree in either one of the physical sciences, computing or mathematics.
- Programming experience.
- Previous experience in development algorithms for modelling scientific data.
- Strong mathematics skills.

#### Desirable:

- PhD in one of the physical sciences, computing or mathematics.
- Experience in handling large scientific quantitative data sets.
- Experience in understanding mass spectrometry data and its processing.
- Knowledge of mass spectrometry techniques in proteomics.

### **Behaviours**

- Team player
- A positive attitude
- Enthusiasm
- Self-motivated
- A flexibility and agile approach
- Readiness to learn new methods

One of our top priorities is to maintain the health and wellbeing of our employees and their families. To achieve this goal, we offer comprehensive benefits.

## Job Description

### Benefits Offered:

- Private health care (Bupa)
- Health Cash Plan
- Generous pension scheme with potential employer contribution of up to 10% (based on match contributions)
- Discretionary Annual bonus scheme
- Free onsite parking
- Office snacks
- Enhanced holiday entitlement above statutory minimum plus public holidays
- Employee Referral Bonus Program
- Annual training budget for professional development
- New hire stock options
- Team building events and activities

### Equal Opportunities Statement

We are committed to **equality of opportunity** for all employee and applications from individuals are encouraged regardless of age, disability, sex, gender reassignment, sexual orientation, pregnancy and maternity, race, religion or belief and marriage and civil partnerships.

### Job Link:

If you are interested in being involved in some new and exciting opportunities, please click the link below.

[Mass Spectrometry Data Analysis Pipeline Developer](#)