



## Job Title

**Associate Scientist**

## Job Summary

Kinomica is a precision medicine company that is developing next-generation diagnostic tests to help clinicians prescribe the right drug, for the right patient, at the right time. We acquire large, high-quality phosphoproteomics datasets from clinical samples using our state-of-the-art KScan® platform, through which we were the first to demonstrate that phosphoprotein signatures can be predictive of drug response in a clinical setting (see our profile in Nature: <https://www.nature.com/articles/d43747-022-00013-9>).

We are seeking a talented Associate Scientist to support the development of clinical assays for biomarkers arising from Kinomica's phosphoproteomics biomarker discovery platform. The candidate will be involved in a variety of projects that aim to expand Kinomica's portfolio of proteomic and phosphoproteomic assays, and to develop these into new clinical products.

This role will be based full time at Alderley Park, Macclesfield, and sit within the technical team. The role will report to the technical team Senior Scientist, as well as interact closely with the CTO and Mass Spectrometry team. The ideal candidate will have experience working as part of laboratory-based research projects and solid foundations in the principles of biochemical and molecular biological systems.

## Responsibilities and Duties

### Laboratory management

- Record test data, reports and maintain test logs.
- Provide support and work alongside the laboratory staff, undertaking routine tasks essential to the smooth running of the lab.
- Maintain a working stock of consumables and chemicals, including receipt, unpacking and logging of all goods received.
- Handling and management of samples, including organising storage, general organisation and safe disposal.
- Assist with performing and scheduling a range of laboratory checks, including calibration and maintenance of laboratory equipment.
- Follow established procedures to conduct some basic laboratory analyses.

### Method development

- Assist with the maintenance of stocks and preparation of samples for method development and QC.

- Work as part of Kinomica's technical team, being supportive and covering duties as necessary during colleagues' absences and at times of additional pressure, as directed.

### **Biomarker discovery**

- Perform KScan® analysis of clinical samples to identify new biomarkers for emerging drugs of interest to Kinomica and our clinical collaborators.
- Coordinate with management and other members of the technical team so that sample analyses are scheduled and performed in a timely manner, and projects are parallelised for time efficiency as best as possible.
- Contribute by assisting with non-LC/MS/MS aspects of projects, including experimental design, sample preparation optimisation and data interpretation.

**The above list of responsibilities is not exhaustive, and the jobholder may be required to undertake other duties commensurate with the level of the role, as reasonably requested by their line manager.**

## Qualifications, Experience and Skills

### **Essential**

- BSc (or equivalent experience) in a relevant or STEM-based subject.
- Demonstrated ability to plan and execute experiments and analyses.
- Knowledge and understanding of fundamental principles of biochemical and molecular biological systems.
- Ability to work to timelines.
- Excellent communication and teamwork skills.
- Excellent organisational and time management skills.
- Ability to contribute to the success of the team.
- A high degree of personal motivation and a willingness to learn new skills, take on challenges and undertake relevant training.

### **Non-essential, but added advantage**

- Experience with quality management systems and documentation.
- Experience working with multiple sample types (e.g. cell lines, blood, fresh-frozen and/or FFPE tissue).
- Experience working to ISO 15189, CLIA or working in a similar regulated environment.
- Experience preparing samples using proteomic workflows for LC-MS/MS analysis.
- Experience analysing large sample sets, across multiple batches.
- Experience in automation of sample preparation workflows.
- Expertise developing clinical assays.