



Job Title

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 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 Sample Preparation technical team. The role will report to the Sample Preparation Team Lead, as well as interact closely with the CTO and Mass Spectrometry team. Full training will be provided; however, 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

- Provide support and work alongside the laboratory staff, undertaking routine tasks essential to the smooth running of the lab.
- Record test data, reports and maintain test logs.
- Follow established procedures to conduct laboratory analyses.
- Handling and management of samples, including organising storage, database logging and safe disposal.

Biomarker discovery and method development

- 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 the experimental component of projects, including experimental design, sample preparation optimisation and automation, and data interpretation.
- Work as part of Kinomica's technical team, being mutually supportive and covering duties as necessary during colleagues' absences and at times of additional pressure, as directed.
- Assist with the maintenance of cell line stocks and generation of samples for method development and QC.
- Make process improvements and project efficiencies wherever possible and contribute freely to the team environment in a manner conducive to the success of company goals.

Product development

- Work with the product development team and quality manager to ensure appropriate systems, monitoring and documentation are in place during development of a test which can ultimately be relied upon to aid patient treatment decision making.
- Author and/or contribute to regulatory submissions, technical protocols and reports.

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 manager.

Qualifications, Experience and Skills

Essential

- PhD (or equivalent experience) in a relevant or STEM-based subject.
- Knowledge and understanding of fundamental principles of biochemical and molecular biological systems.
- Excellent teamwork skills: communicates effectively with team members and actively engages colleagues with a collaborative and mutually supportive mindset.
- Demonstrates enthusiasm for experimental work, flexibility and adaptability to work on different projects in a fast-paced environment.
- Ability to plan and execute experiments and analyses: possesses strong problem-solving abilities with an analytical mindset, and a logical approach to troubleshooting technical challenges.
- High level of attention to detail and ability to maintain focus, with an organised approach to lab work and experimental record keeping.
- Ability to work to timelines: excellent organisational and time management skills.
- A high degree of personal motivation and a proactive approach to learning new skills.
- Candidates must have the right to work in the UK.

Non-essential, but added advantage

- Experience in sample preparation using proteomic workflows for LC-MS/MS analysis.
- Experience working with multiple sample types (e.g. cell lines, blood, fresh-frozen and/or FFPE tissue).
- Experience working to GLP standards and/or in an HTA-qualified environment.
- Experience with quality management systems and documentation.