

Senior Scientist, Translational Biomarkers– Cambridge, UK (Temporary Contract - 12 Month Maternity Cover)

Mission Therapeutics is an early-stage drug development company targeting the ubiquitin pathway for the treatment of neurodegenerative disease, rare mitochondrial diseases and fibrosis. The Company has built a leading platform for the discovery and development of first-in-class, small molecule drugs that selectively target deubiquitylating enzymes – an emerging drug class that is attracting significant commercial interest in protein homeostasis.

We are looking for a driven, organised and proactive individual to join the Translational Biomarker team at our Cambridge, UK based facilities. Mission Therapeutics is ideally situated on the Babraham Research Campus at the heart of Europe's largest biotechnology cluster.

The successful candidate will be responsible for the discovery and development of biomarker assays with potential for clinical utility. The job holder will also contribute to target biology mechanistic understanding, through evaluation of cellular, molecular and genetic mechanisms, supporting Mission's lead portfolio programs. The role will be predominately laboratory based.

Key Accountabilities: -

- Design and perform various in vitro assays to support our projects
- Contribute to the introduction or development of new assay technologies
- Translate biology insights into appropriate research assays to link mechanism of action of our molecules to specific patient populations and help guide clinical plans
- Development, characterisation and validation of biomarker assays with clinical utility
- Input into the biomarker strategy and clinical protocol
- Liaise with CROs to develop assays supporting project needs where necessary

Essential Requirements: -

- PhD or equivalent experience with a strong background in cell/molecular biology
- Experience within biomarker discovery/target engagement assay development and validation
- Exposure to clinical biomarker assays
- Experience working in cross-functional & matrixed research and translational teams
- Prior experience in delivering data investigating mechanisms and disease-relevant pathways within human translational assays or patient samples

Key Skills and Abilities: -

- Extensive tissue culture experience and working with biospecimens from in vivo studies
- Experience with some of these techniques: ELISA, IP, western blotting, flow cytometry, high content imaging, qPCR, HTRF
- Experience working with human biospecimens e.g., blood/PBMCs
- Experience with 'omics' technologies desirable
- Previous experience in the principles and techniques of data analysis, interpretation and presentation
- Strong scientific background
- Adherence to safety and other company rules and regulations, maintain lab equipment and reagents when appropriate
- Exceptional communication skills
- Maintain lab notebook, write lab reports, interpret and present data

It is desirable that applicants have: -

- Experience in the pharmaceutical industry and the drug development process
- Relevant therapeutic area experience in renal physiology, fibrosis or CNS is highly desirable
- Knowledge of the ubiquitin proteasome system
- Understanding of PKPD principles

This is an exciting opportunity for an enthusiastic scientist to advance their career at a fast-growing biotech company and to contribute to the development of a new class of medicines.

Benefits

We offer a competitive salary along with a contributory pension scheme and other excellent benefits.

If you would like to apply for the position, please send your CV with a covering letter to **recruitment@missiontherapeutics.com**.

The closing date for applications is 16th September 2022.

To comply with UK employment legislation, all applicants for positions at Mission must have the right to work in the UK. If a job offer is made, you will be required to provide evidence of your right to work in the UK before you commence employment with Mission.

All applications received will be managed in accordance with our Job Applicant Privacy Notice available to view on the Careers page of our website **www.missiontherapeutics.com**

No agencies, thank you.