Associate Scientist – DMPK

Redx Pharma plc is an exciting biotech company focused on the discovery and development of novel, small molecule, highly targeted therapeutics for the treatment of cancer and fibrotic disease. Redx develops small molecule treatments using its world-class medicinal chemistry expertise and lab infrastructure based at Alderley Park, Cheshire, UK (former AstraZeneca R&D facility). Our core strengths in medicinal chemistry and translational science enable us to discover and develop potentially differentiated, novel compounds against biologically or clinically validated targets. To date, Redx has undertaken significant partnering deals with AstraZeneca and Jazz Pharmaceuticals, advanced a wholly-owned cancer asset into Phase 2 clinical trials which are expected to read out in 2023, confirmed an additional Phase 2 clinical program will commence for our lead fibrosis asset and nominated a further drug candidate for preclinical development in fibrosis.

The Role
As a laboratory-based scientist you will be trained to provide support to Redx projects by performing *in vitro* and *in vivo* assays that are required to understand the ADME properties of potential drug candidates. This will include assessment of physicochemical properties of compounds as well as DMPK profiling of compounds.

Responsibilities
- To undertake, under supervisions, various *in vitro* ADME profiling assays such as metabolic stability (microsomes, hepatocytes) and binding (plasma protein binding, foetal calf serum binding, tissue binding etc).
- To undertake, under supervision, various physicochemical profiling assays such as solubility (kinetic and thermodynamic), log D and chemical stability.
- To provide support, under supervision, for *in vivo* ADME analysis (e.g. bioanalysis).
- To learn the routine operation, maintenance and use of a Waters TQS LC-MS/MS and HPLC-uv systems.

Requirements
- BSc or MSc in a relevant discipline or equivalent experience.
- Some experience of working in a laboratory.
- An understanding of liquid chromatography and mass spectrometry in either a bioanalytical or pharmaceutical analysis context.
- An understanding of in vitro ADME assays.
- A general appreciation of the essential elements of the drug discovery process.

Competencies
- Results orientation
- Innovation & Creativity
- Planning & Organising
- Communication Skills
- Interpersonal skills/Team orientation
- Motivation

- Thoroughness
-

In return, we will offer you the opportunity to work at an exciting drug discovery company where you will get exposure to a broad range of activities and develop your drug discovery skills.

The closing date for applications will be 12th October 2022.