

Scientist - DMPK

Redx Pharma PLC is an exciting biotech company focused on developing novel precision medicines that have the potential to transform treatment in oncology and fibrosis. Redx discovers and 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). Previous successes at Redx include the sale of two preclinical cancer assets to large pharma, one cancer asset in clinical trials, and the nomination of two fibrosis assets for clinical development. Following a very successful year with significant investments from multiple biotech specialists, along with the licensing of a fibrosis asset to AstraZeneca and a multi-project research collaboration with Jazz Pharmaceuticals, we are now building an internal DMPK group to support multiple research projects.

The Role

The DMPK group works closely with medicinal chemistry and biology to help drive forward the identification and optimisation of novel drug candidates. Together with other members of the DMPK team, you will be involved in building Redx's in-house DMPK capabilities to provide high quality and timely data to determine ADME characteristics that meet project requirements. This is a varied and flexible role, ideal for a candidate early in their career looking for the opportunity to expand into the broad spectrum of essential DMPK disciplines and learning to support multiple aspects of drug development projects.

Key responsibilities

- Generation and analysis of data from DMPK assays including protein binding, microsomal and hepatocyte stability, lipophilicity, solubility and Caco2 permeability.
- QC and reporting of data to support projects
- Support early-stage discovery, lead optimization and pre-clinical projects through the timely generation of high-quality data from the internal group and external CROs to aid project progression
- Contribute to the management of the Redx compound collection
- Use knowledge of relevant DMPK developments to advance company goals

Requirements

- BSc, MSc or relevant experience
- Some experience of DMPK assays is essential
- Experience in assay design and validation would be beneficial
- Knowledge of mass spectrometer maintenance would be beneficial

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 training to develop your drug discovery skills.

The closing date for applications will be 22nd February 2021.