

## Join us Developing Excellence in PK/PD Modelling: *Expediting drug discovery and development*

**At GSK we want to help more patients by improving the outcomes of our clinical studies to deliver differentiated drugs to market faster.**

### **Our vision for Quantitative Pharmacology in drug discovery**

GSK is at the forefront of modern drug discovery. As such, we are investing in a new model-based drug discovery framework to influence the design and selection of our clinical candidates. Key to this strategy is to establish a Community of Practice comprising expert non-clinical scientists who together bring physiologically based pharmacokinetic (PBPK), pharmacokinetic/pharmacodynamic (PKPD) and quantitative systems pharmacology (QSP) modelling skills.

Through the application of appropriate PK, PBPK and PKPD analysis and simulation techniques this community will play a critical role in guiding target selection, establishing concentration-effect relationships facilitating desired safety and efficacy profiles and accurately predicting the human dose. Operating in a dynamic and multidisciplinary

environment your expertise will enable better informed decision-making in lead optimisation, resulting in reduced attrition in the clinic.

By joining GSK in one of these critical positions you will make an important contribution to our mission to improve the quality of human life, helping people to do more, feel better, live longer.

### **Opportunities**

We are seeking a number of experienced and creative scientists with strong analytical skills in DMPK and data integration and a track record of deploying PBPK and PKPD models to influence project direction and translational science. Direct expertise in PKPD modelling and quantitative pharmacology is desirable.

Opportunities exist in both the UK and USA across a variety of therapeutic areas including immuno-inflammation, infectious disease, cardio-metabolic and oncology. Projects will span a range of modalities including small and large molecules and cell/gene therapies.

**For more information on these exciting new roles please visit [www.gsk.com/en-gb/careers](http://www.gsk.com/en-gb/careers) and search for “PK/PD Modeller”.**

*“As a PK/PD Modeller at GSK, you will utilize model-based drug discovery tools to enhance decision making in preclinical teams which will influence the design, discovery and early development of drug candidates”* John Toso – Director, Head of Translational Medicine, GSK