

## Research Scientist, In Vitro Drug-Drug Interaction

We are looking for a Research Scientist for the Drug-Drug Interaction (DDI) group in the Department of Drug Metabolism. The Department of Drug Metabolism *is part of the Drug ADME Research Division within Non-Clinical Safety Research, which is responsible for the safety evaluation of novel drug candidates for the treatment of psychiatric and neurological disorders. We are responsible for providing ADME and DDI data as well as documents for worldwide registration of NCEs. Regarding DDI, we are responsible for evaluations of enzymes and transporters involved in drug disposition and assessment of inhibitory/induction potential of NCEs. We have at present 12 full-time positions, divided in two groups (DDI and Metabolism).*

### Your job and key responsibilities

You will be responsible for planning, executing and reporting of *in vitro* DDI studies supporting a very interesting pipeline. Thus, you will be performing studies such as enzyme reaction phenotyping, enzyme inhibition, enzyme induction, transporter inhibition and transporter substrate evaluations. As an important part of your work, you will be responsible for studies performed in our laboratories and in that role be sparring and guiding our technicians. Furthermore, you will work in close collaboration with Contract Research Organisations (CRO's), who are performing studies on behalf of the DDI group. As PBPK modeling and simulation is an integrated part of interpretation of the *in vitro* data generated in our studies, prior knowledge and hands on experience with model and simulation will be an advantage. Moreover, you will also be involved in project teams, representing the Department of Drug Metabolism and/or the Non-Clinical Safety Research area, holding the primary responsibility to drive the project forward with focus on the ADME and DDI area and implement decisions made by the project team.

### We offer

A challenging position with opportunities for scientific and personal development in a dynamic department with enthusiastic colleagues.

### Qualifications

*Our preferred candidate*

- Holds a PhD in biochemistry, pharmacy, organic chemistry, chemical engineering or equivalent.
- Has hands on experience with *in vitro* DDI methods, LC-MS techniques, and radiochemical detection
- Has experience within and understanding of enzymology of major drug metabolizing enzymes, inhibition kinetics and design of DDI studies
- Experience with PBPK modeling and simulations would be an advantage
- Has experience with DDI guidelines, as well as GLP studies and preparation of regulatory summary documents (i.e. IB, IND, CTD)
- Has experience with guiding and sparring with technicians
- Is enthusiastic, proactive and a true team player
- Has good communication skills and is fluent in English.

### Further information

*For further information, please contact*