

Job Opportunity at SimCyp

Contributed by Martin Spendiff
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SimCyp are Recruiting a Research Assistant. Click on 'Read More' for details.

Closing Date for Applications: 31st July 2009

Line of Management: Reports to Principal Scientist within Bioinformatics Group

Hours of Work: Mon – Fri 9.00am – 5.00pm (1hr Lunch time)

Holiday Entitlement: 25 days plus statutory bank holidays

Location: Sheffield (UK)

Salary: subject to experience

plus pension contribution, health scheme etc.

Company Overview:

Simcyp is a fast-growing, research-based company that provides consultancy, knowledge integration tools, modelling solutions and databases relevant to drug development (implemented in its world-known Simcyp® Population-based ADME Simulator) for its client base of major blue-chip pharmaceutical and biotechnology organisations. The company focuses, in particular, on gathering information required for the modelling and simulation (M&S) of the time-course and fate of drugs (ADME) in patients using experimental data derived from in vitro systems. We are on course to become the global industry standard, consequently, there is a continuous requirement for high quality people to join us, help in our expansion and share in our success. We offer a unique and exciting mix of an academic and commercial environment which encourages regular attendance at scientific meetings as part of continuous education programs. The projects are scientifically challenging yet focused on solving practical issues relevant to modern drug development. All scientists are expected to participate in writing scientific reports relevant to their work under the leadership of our world-leading scientists within the group.

Job Overview:

We have an immediate opening for a Research Assistant / Research Scientist with a good understanding of physicochemical properties of drugs, human physiology and biology, and how these factors may affect oral drug absorption and disposition. Simcyp, as a research-based company, provides an excellent opportunity for advancing the knowledge and skills of graduates in pharmacy, pharmacology, physiology and medicinal chemistry in an environment that is scientifically challenging yet focused on solving practical issues relevant to modern drug development. The successful applicant will join an internationally recognised, multidisciplinary team in which s/he will be expected to apply physiologically-based pharmacokinetic (PBPK) models within the current framework of in vitro-in vivo extrapolation (IVIVE) and systems biology. Specific responsibilities will include:

- To critically review literature to obtain information relevant to specific projects such as transporter-mediated disposition – this will involve evaluation, interpretation and integration of data by means of systematic reviews and associated meta-analyses;
- Propagating your knowledge of in vitro systems to other members of the Science Team for the development of modules that require implementation into the Simcyp Simulator. Initially, the focus will be on in vitro assays for assessment of drug transporters.

Additional tasks will include:

- Communicating the research outcome internally and externally, with the approval of the company, in the form of poster and podium presentations at scientific meetings and contribution to publications;
- Gaining familiarity with the Simcyp Simulator and its modules with the aim of being able to interact with our existing clients and potential clients in the Pharmaceutical Industry.

Essential requirements:

- A graduate (BSc) or higher degree from a reputable university in medicinal chemistry, biopharmaceutics or other subjects relevant to ADME in drug development;
- Hands-on experience (as part of a graduate project or industrial experience) with in vitro systems used for ADME screening, particularly those related to drug transporters, and a good understanding of environmental and biological variability;
- A demonstrable knowledge of literature search techniques, data analysis and interpretation;
- Good interpersonal, organizational, and communication skills

Applications:

Please send your CV, covering letter and names of two referees to recruitment@simcyp.com, or post to (quoting ref- resT/web/jul):

Recruitment

Simcyp Limited, The Blades Enterprise Centre

John Street, Sheffield, S2 4SU, UK