Company Information

SimuGen is a toxicogenomics company grown from the talents of Cambridge and Oxford in the UK, with a highly disruptive method of predicting drug toxicity. SimuGen recently incorporated a sister company in Malaysia (SimuGen Asia Sdn Bhd), with the aim of launching the first product from Malaysia over the next year. It will be a web-based tool using proprietary dose-response models of gene expression phenotypes from human cell cultures exposed to chemicals. The aim being to help pharma develop safer drugs. This has already attracted significant attention, and the intention is to begin a collaboration with a large pharma company in the near future.

Candidate Profile

We will be looking for a bioinformatician to start the team in Kuala Lumpur. This may be somebody who is technically very good but still junior in industry. However we would also consider somebody with more experience and ambitions of eventually leading a lot of the company's R&D as a 'product architect' in Malaysia. This has the potential to grow into an exciting position. In the first instance the core expectations would be:

(1) Manage the quality control of all data (from benchtop to analysis).
(2) Do extensive literature and database searches for toxicicologically relevant genes.
(3) Format and manage gene expression data for analysis.
(4) Work closely with the Chief Scientific Officer (primarily based in Oxford) and the S-plus server team to set up the web-tool for customers.
(5) Help manage the collaboration with the pharma company.

In terms of basic skills we are looking for:

(1) Gene expression analysis (microarrays, qPCR) – crucial
(2) Ability to do database and literature searches for candidate genes – crucial
(3) R programming skills - highly valued

At the moment the aim is to start this position in September, and that it will be approximately 8 months in the first instance. Interested persons can contact Dr Wills (CSO) at quin.wills@simugen.co.uk.

A brief list of questions they might have, in addition to a CV clearly demonstrating skill sets, project management and research potential would be most useful.