Wong Lim Soon

From: Tan Yue Ying [yytan@imcb.a-star.edu.sg]
Sent: Wednesday, October 14, 2009 10:51 AM
To: wongls@comp.nus.edu.sg; Wong Lim Soon
Subject: Bioinformatics positions

Dear Professor Wong,

I am one of the graduates from the first batch of the computational biology program (Faculty of Science). I am currently working in the Institute of Molecular and Cell Biology (IMCB), ASTAR. My lab has currently opened up new bioinformatics positions. I would be grateful if you can help to disseminate the following to the graduating computational biology students from the School of Computing.

Thank you.

Best regards,

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http://www.imcb.a-star.edu.sg/php/venkatesh.php

Bioinformatics positions in IMCB

The Comparative Genomics Lab in the Institute of Molecular and Cell Biology (IMCB) is seeking to recruit Bioinformatics Officers to participate in the exciting arena of genome science. Our group is one of the pioneers in the field of comparative genomics. We identified the Japanese pufferfish (*Fugu rubripes*) as having the smallest vertebrate genome and proposed it as a model genome for discovering genes and gene regulatory regions in the human genome. Our research area includes the use of 'model' genomes such as the Japanese pufferfish (*Fugu rubripes*) and the elephant shark (*Callorhinchus milii*) genomes, to facilitate the comparative analysis of the human genome. Our group's page is at http://www.imcb.a-star.edu.sg/php/venkatesh.php.

Job Description
The candidate will be working in a team of bioinformaticians to annotate selected vertebrate genomes and participate in downstream analysis of the genome. (S)he is also expected to work closely with the wet lab biologists to contribute to our understanding of human and other vertebrate genomes.

The ideal candidate should have:
- A Bachelor in Life Sciences, Bioinformatics or a related discipline. A higher degree is preferred but not essential.
- Knowledge of open source projects (e.g. Ensembl, BioPerl)
- Experience in Perl / Java / C++ programming, ideally to the level of object-oriented and database programming, use of modules etc.
- Strong programming skills in UNIX and MySQL
- Strong knowledge of a wide range of bioinformatics tools (e.g. BLAST, EMBOSS, Phylip, Clustal, HMMER) and databases (e.g. Refseq, UniGene, UniProt, PDB, Pfam)
- Excellent communications skills

Applicants should e-mail their C.V.s, to Ms Tan Yue Ying yytan@imcb.a-star.edu.sg.