Postdoc Position in Centre for Quantitative Medicine at Duke-NUS Graduate Medical School (Singapore)

Job Responsibilities

A new position for a post-doctoral fellow is available in the lab of Dr Liang Kee GOH (http://www.duke-nus.edu.sg/content/goh-liang-kee) at Duke-NUS Graduate Medical School Singapore. The study focuses on large scale 'omics' analysis, including next generation sequencing, microarray, and clinicopathological data. We use a system biology approach to unravel and understand genetics in diseases.

Duke-NUS (http://www.duke-nus.edu.sg/) is a medical school that is part of Duke University (Durham, North Carolina, USA) and National University of Singapore (Singapore). Our mission is to transform medicine and improve lives.

The post-doctoral fellow's roles and responsibilities include, but are not limite to:
- Data analyses and manuscript writing
- Work with other key stake-holders on research proposals for funding
- Present data locally and internationally
- Oversee or mentor junior staff and students

Job Requirements
- PhD in a relevant field with experience in 'omics' data analysis, especially in sequencing data.
- Strong computational and quantitative analytical skills, including expertise in programming languages such as C/C++, R, perl, python, unix/linux scripts, Java etc.
- Evidence of potential to publish in peer-reviewed journals
- Good communication skills, including proficiency in English.
- Passion and interest in answering biological questions.

How to apply
Please submit a letter of interest, CV, and the names and contact information of three references to liang.goh@duke-nus.edu.sg with the subject line: "Postdoctoral Application".

Expiry Date: 31st March 2014

Research Assistant Position in Centre for Quantitative Medicine at Duke-NUS Graduate Medical School (Singapore)

BACKGROUND

The lab of Asst Prof Liang Kee GOH (http://www.duke-nus.edu.sg/content/goh-liang-kee) has a vacancy for research assistant (1-2 year) in cancer genomics. The study focuses on large scale 'omics' analysis, including next generation sequencing, microarray, and clinicopathological data. We use a system biology approach to unravel and understand genetics in diseases.

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RESPONSIBILITIES

You will be involved in the analysis of genome-wide data such as those from microarray and sequencing technology, ranging from genotypes, copy number, gene expression, and epigenetics. You will be expected to perform statistical analyses and modelling on the data and provide bioinformatics support for on-going projects.

REQUIREMENTS

- Bachelor or Master's in relevant fields such as statistics, bioinformatics, computational biology, engineering, or computer science, preferably with experience in 'omics' data analysis.
- Strong computational and quantitative analytical skills, including expertise in programming languages such as Matlab, R, perl, python, unix/linux scripts etc.
- Good communication skills, including proficiency in English.
- Passion and interest in answering biological questions.

HOW TO APPLY

Please submit a letter of interest, CV, and the names and contact information of three references to liang.goh@duke-nus.edu.sg with the subject line: "RA Application".