Genome Institute of Singapore

10th June 2016

Position for Bioinfomatician
in Cancer Stem Cell Biology Program

The Genome Institute of Singapore (GIS) is the national flagship program for genomic sciences in Singapore. The Agency for Science, Technology and Research (A*STAR) is the parent funding body for the GIS with a long-term commitment to create world-class R&D infrastructure. The GIS seeks to use biomedical sciences to improve public health and prosperity. As a center for genomic discovery, the GIS pursues the integration of technology, genetics and biology to address high impact biomedical research. In particular, we apply genomic approaches to gain fundamental and translational insights into human diseases, infectious diseases, cancer biology and therapeutics, and stem cells and regenerative biology.

The Cancer Stem Cell Biology Program is currently recruiting a **Bioinformatician**.

Bioinformatician (Cancer Stem Cell Biology)
Position for a Bioinformatician at the research officer or post-doctoral level is available in the Cancer Stem Cell Biology Laboratory at GIS. The laboratory is broadly interested in understanding the contributions of cancer stem cells to malignant cancer progression. We focus on dissecting the distinctive properties of cancer stem cells in various carcinomas, and exploit these traits as vulnerabilities towards the development of targeted cancer therapies. The candidate will engage in bridging the gap between bioinformatics and biology. He/she will work on cancer genomics, transcriptomics, epigenomics and metabolomics in partnership with a 'wet lab' postdoc.

Applicants should have relevant training in the field of computational biology and biomedical sciences. Prior experience as a bioinformatician is highly desirable. Candidates are expected to be highly motivated, creative, and strongly enthusiastic in addressing challenging problems in the field of cancer.

Requirements:
- Bachelor's degree or Ph.D. in Computational Science, Bioinformatics, or Computational Biology
- Must have an interest in exploring the interface between biology, bioinformatics and computing
- Track record of scientific achievement and demonstrated creative abilities
- Experience in some these areas: RNA-seq, ChIP-seq, microarray, exome-seq, mutation analyses, meta-analyses, motif analyses, pathway analyses, heatmap and gene clustering.

Interested candidates are invited to send a cover letter stating your research goals, curriculum vitae, and the contact details of two references to Wai Leong TAM (tamwl@gis.a-star.edu.sg). The lab is funded by the Singapore National Research Foundation, National Medical Research Council, and A*STAR.

Investigator Profile:
http://www.a-star.edu.sg/gis/our-people/investigator-details.aspx?source=faculty_member&user_id=172
http://www.csi.nus.edu.sg/ws/team/mem/tam-wai-leong
http://bch.nus.edu.sg/waileongtam.htm

Please kindly note that only shortlisted candidates will be notified.

Wai Leong Tam, Ph.D.
Principal Investigator
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