

Genome Institute of Singapore (GIS)

The Genome Institute of Singapore (GIS) is an institute within the Agency for Science, Technology and Research (A*STAR). We are a national initiative with a global vision that seeks to use genomic sciences to improve public health and public prosperity. As a center for genomic discovery, the GIS will pursue the integration of technology, genetics and biology towards the goal of individualized medicine.

Bioinformatics Specialist in Human Genetics

You will work to discover DNA mutations in human diseases in a dynamic multi-disciplinary team. You will collaborate closely with biologists to develop and implement algorithms/analysis pipelines to address biological questions via high throughput data analysis and interpretation. Your main role will be to create and manage databases, analyze microarray and gene sequencing data, perform statistical tests, and present data using appropriate tables and figures. You will also be responsible for handling data requests to and from collaborators.

Requirements

- Bachelor (1st or 2nd Upper Honors) or Masters Degree in Bioinformatics, Statistics, Computer Science, or any relevant scientific/engineering/mathematical discipline
- Familiarity with, or willingness to learn the following applications:
 - LINUX/UNIX
 - Perl/BioPerl, shell scripts
 - Biological databases (Pubmed, UCSC genome browser)
 - Basic statistical knowledge, and familiarity with statistical computing programs (e.g. R and Matlab)
- Working experience with biological data, data analysis (especially microarray data analysis) or data mining is advantageous
- Must be a good team player

Interested applicants please email your CV and cover letter with a brief description of experience to liml1@gis.a-star.edu.sg. We look forward to hearing from you!