Postdoctoral Fellow: Machine Learning for Large-Scale Cancer Genomics Sata

The group of Jonathan Göke at the Genome Institute of Singapore (GIS) is looking for an enthusiastic postdoctoral fellow to develop and apply machine learning techniques to large-scale cancer genomics data. The aim of the project is to investigate the relation of tissue-specific transcription with clinical covariates in cancer. The project will combine multiple sources of genomics data (RNA and whole genome sequencing data) to uncover transcriptional features with a high predictive power. The project is in close collaboration with the National Cancer Center Singapore.

Benefits:
The Genome Institute of Singapore offers a competitive salary and a complete benefits package that ensures a very high living standard in one of the most modern cities in the world.

Requirements
Candidates should have a PhD in computer science, statistics, bioinformatics or a related discipline, a solid understanding of probability and statistics, strong programming skills, and experience in one or more of the following areas: transcriptome analysis, single cell genomics, cancer genomics, machine learning, deep learning. Candidates should have excellent academic grades and very good communication skills in written and spoken English.

About the Genome Institute of Singapore
The Genome Institute of Singapore (GIS, A*STAR) is the national flagship programme for genomic science in Singapore. GIS hosts the largest collection of sequencing machines in Singapore, it has a compute cluster with more than 6,000 CPUs and more than 3 PB storage capacity, and a direct high-speed connection to the National Supercomputing Center Singapore.

Why Singapore?
Singapore is a city-state with one of the highest standards of living in the world seeking to become an international hub for the biomedical sciences. Singapore is a vibrant, tropical city, with rich Asian heritage and modern style of living, an ideal gateway to explore Asia, providing a unique experience and an excellent quality of life.

Contact and further information
More information about the Göke lab including recent publications can be found online:
https://jglab.org/
For inquiries or to apply, please email your CV to Jonathan Göke (gokiej@gis.a-star.edu.sg).