



Postdoctoral Research Fellow in Integrative Computational Biology at SciLifeLab, Stockholm, Sweden

A two-year postdoctoral position is available in the group of Statistical Biotechnology at Science for Life Laboratory (SciLifeLab) at the Royal Institute of Technology in Stockholm, Sweden. Our group develops machine learning methods and statistical techniques for interpreting high-throughput experiments. We are looking for an enthusiastic and talented postdoctoral researcher to join our team. The position will involve integration and interpretation of multi-omics data by machine learning and statistics. The post-doc will specifically analyze an AstraZeneca funded type-2 diabetes dataset involving transcriptomics, metabolomics and methylomic profiles of a large patient cohort.

The successful candidate will have a PhD in statistics, computer science, bioinformatics or related field with a strong quantitative component. Experience with machine learning techniques and the handling large datasets is desirable.

The successful candidate will have a PhD in statistics, computer science, bioinformatics or related field with a strong quantitative component. Experience with machine learning techniques and the handling of large datasets is desirable. Review of applications will start on 5th of December 2016 and continue until the position is filled. The starting date is negotiable.

To apply, please send an e-mail to Lukas.Kall@scilifelab.se including the following documents (1) a letter stating your research experience and interests, (2) a *curriculum vitae* including list of publications, (3) name and contact information for yourself and two or three references, and (4) a link to a piece of code that you feel proud of. Inquiries about the position can be directed to Lukas.Kall@scilifelab.se.

About Science for Life Laboratory

SciLifeLab is a national resource center dedicated to large scale bioscientific research with focus on biomedicine, including genome and proteome profiling, bioimaging and bioinformatics. SciLifeLab Stockholm has been formed jointly by the three Stockholm universities, Royal Institute of Technology (KTH), Karolinska Institutet (KI) and Stockholm University (SU), and thus combines the profiles and strengths of these three institutions. Academic research as well as the Swedish health care system and the Swedish Life Science industry will benefit through active collaboration, access to advanced tools and active programs for knowledge transfer. The goal is to achieve critical mass for large-scale life sciences and translational medicine.

Our vision is to make SciLifeLab into a center for large-scale life sciences with an advanced technological infrastructure. The focus is on performing multidisciplinary research involving high throughput DNA sequencing, analysis of gene expression, protein profiling, cellular profiling, advanced bioinformatics, biostatistics and systems biology. SciLifeLab is aimed at enabling researchers to carry out extensive and comprehensive analysis of genes, transcripts and proteins in humans and relevant microbes, such as viruses and bacteria, and to cast light on the complex interplay between different molecular components in living cells, tissues and organs related to human diseases.