BIO-INFORMATICIAN— SINGLE CELL RNA SEQ ANALYSIS

Established in 2007 at the University of Liège, GIGA is an interdisciplinary research center in biomedical sciences whose mission is advanced medical innovation. The institute encompasses more than 500 members (PI, senior researchers, post-doctoral scientists, thesis students, technicians) with expertise in medical genomics, in silico medicine, neuroscience, oncology, infection and immunity, and cardiovascular sciences.

GIGA provides its members access to a broad range of state-of-the-art technologies through core facilities, including the genomics platform (http://www.giga.uliege.be/).

The center offers an extraordinary range of services on the same site, where researchers, clinical doctors, doctoral students, students and private sector actors meet.

GIGA is the only Belgian research center directly integrated within a university hospital, making it a major player in translational research where links between researchers and doctors are at the heart of the research activity.

The GIGA Genomics platform is seeking to hire an enthusiastic bioinformatician/computational biologist to provide expert support for the analysis of single cell RNA sequencing data and other types of complex NGS data. The successful candidate will join the team headed by W. Coppieters and will work closely with scientists from the GIGA Institute.

**Profile**

- Ph.D. or equivalent experience in bioinformatics, computational biology, engineering, mathematics/physics, molecular genetics, or a related discipline.
- Proficiency using R and Bioconductor packages, as well as using scripting and programming languages (e.g. Python, Perl, R, bash).
- Experience with working on Linux environment and high-performance computing clusters.
- Demonstrated experience in the analysis of “omics” data and good understanding of biological questions.
- Good knowledge of data integration, multivariate analyses and meta-analyses.
- Experience with the analysis of single-cell gene expression data would be a plus.
- Additional background in statistics, machine learning and/or predictive analytics would be a plus.
- Good spoken and written English.

**We offer**

A full-time position for up to 5 years  
A competitive salary  
Access to cutting-edge data and high-performance computing resources  
Attractive living and working conditions  
Support and mentoring toward research independence

**How to apply?**

Please send a motivation letter, your CV and contact details of at least two references to michel.georges@uliege.be and rh.giga@ulg.ac.be by 20th June 2018.