

Post-doc position at CMGG for bio-informatician

The position:

At the Center for Medical Genetics Ghent (CMGG), we are looking for a highly motivated researcher to reinforce the bio-informatics team. More specifically, we are looking for a post-doctoral researcher who will coordinate a team of scientists for analysis of (amongst others) massively parallel sequencing data generated in the context of cancer research.

Your profile:

- PhD degree in bio-informatics, biology, (bio-)engineering, computer science, or related field,
- Solid experience with bioinformatics programming, databases and statistics for bioinformatics, including scripting (e.g. Perl, Python), R (incl. Bioconductor), UCSC Genome Browser, Ensembl API, etc,
- Experience with the analysis of massive amounts of sequence reads is a plus: human whole exome re-sequencing, whole-genome re-sequencing, SNP/indel calling, CNV, structural variation, RNA-seq, ChIP-seq, ...,
- Work in an organized manner and good reporting skills,
- You are a dedicated and flexible team player with excellent communication skills to work with scientists from different domains,
- Excellent oral and written communication skills in English.

What we offer:

- A full-time contract for 3 years (6-month evaluation period), that can be extended,
- To be part of a larger research team dedicated to improving human health,
- The opportunity to work in a dynamic and interdisciplinary academic research environment,
- The opportunity to expand your knowledge and skills in the field.

About the Research Group:

The Speleman team has a longstanding interest in unraveling the genetic basis of pediatric cancer in particular neuroblastoma and acute leukemia. To this end we have employed various technologies including arrayCGH, gene expression profiling, genome wide methylation analysis, ChIP sequencing combined with functional genetics, animal modeling and cross species genomics.

Within the CMGG, we have a close collaboration with the emerging team of Pieter Van Vlierberghe (recipient of Odysseus grant, topic T-cell acute leukemia), Jo Vandesompele (neuroblastoma, non-coding RNA, high throughput genomics and bioinformatics) and Björn Menten (intellectual disability, genome sequencing, bioinformatics).

Links:

Center for Medical Genetics: medgen.ugent.be

Ghent University: ugent.be

Candidates can apply by sending their letter of motivation, letter of recommendation and CV to Franki.Speleman@UGent.be before November 30, 2013.