

**University of Liège
GIGA Research Center**

Position open:

Post-doctoral researcher for a genomic medicine project:
Development of NGS protocols in human genetics

The GIGA Research Center is a multidisciplinary research group at the University of Liège aiming at developing applied genomics and proteomics research programs.

The CHU Liège is an University Hospital active in all the aspects of health care, including human genetics, oncology, and microbiology.

Together the GIGA Research Center and the CHU launch a genomic medicine project. The project will set up the technological, scientific and medical bases for clinical application of genomics in the fields of genetic diseases, cancer diagnosis and follow-up, and infectious diseases. The project will be performed at the GIGA center with the equipment of the GIGA Genomics platform (soon to be completed with a NovaSeq sequencer) in close collaboration with the scientists and physicians from the hospital. The program will be under the direction of Prof Vincent Bours, member of the Giga Center and Head of the Department of Human Genetics at the CHU.

For this project, the University of Liège / GIGA Center recruits a post-doctoral researcher.

Contract:

Project-based contract. A one-year contract will be offered with possible extension for at least 2 years.

Duties:

- to participate in the development of a genomic medicine activity in collaboration with the GIGA Center and the CHU
- to develop and implement NGS tests with clinical relevance; to set up the workflow and the analytical capacities for large panel sequencing, for Whole Exome and Whole Genome Sequencing (WES and WGS).
- to organize and/or participate in molecular boards for variant interpretation and clinical reports
- to facilitate technology transfer to the diagnostic laboratory, in an accredited setting

Qualifications and abilities:

- post-doctoral scientist with experience in NGS in the field of human genetics, preferably in a medical environment.
- good knowledge of the bio-informatic tools for variant calling and interpretation. Ability to collaborate with the bio-informatic team for specific developments.
- ability to work with a multidisciplinary team and to interact with all the partners from the GIGA and the Hospital.
- ability to organize and prioritize work duties and to function as a team-member; an experience in project management would be a plus. Ability to encourage positive dynamics within the team.
- good written and oral communication skills.
- language skills: fluency in English; ability to work in French and in English would be an asset.

Applications should be sent before July 31st 2019 to Prof Vincent Bours at the address:
vbours@uliege.be