Post Doctoral fellow -
Genetics and genomics of inflammatory bowel disease

The GIGA (http://www.giga.ulg.ac.be/) is seeking for a Post Doctoral fellow to join a research team focusing on the genetics and genomics of inflammatory bowel disease.

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, cancer, infection and immunity, and cardiovascular sciences.

GIGA also offers technology platforms, business facilities and a training center. 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.

Missions

The Unit of Medical Genomics (team leader: M. Georges) seeks to hire a post-doctoral fellow to join a research team focusing on the genetics and genomics of inflammatory bowel disease. The research team is an active player in the International IBD Genetics Consortium (f.i. Huang, Fang, Jostins et al. (2017) Association mapping of inflammatory bowel disease loci to single variant resolution. Nature 547:173-178), and has generated a unique dataset (CEDAR) of integrated multiomics (genome, methylome, transcriptome, microbiome) data in > 300 individuals (f.i. Momozawa, Dmitrieva et al. Risk loci for inflammatory bowel disease are enriched in multigenic regulatory modules that act across cell types and encompass causative genes. Bioarchiv). The successful candidate will participate in the generation of the CEDAR.v2 cohort in the context of the SYSCID Horizon2020 project (http://syscid.eu), with special emphasis on the integrated analysis of the corresponding multiomics data.

Profile

Applicants are expected to have a PhD degree, and to have experience in genomics, bioinformatics and statistics.

How to apply?

The successful applicant will be offered a renewable 2-year contract.

Please send your resume and cover letter to rh.giga@ulg.ac.be, specifying as subject heading LAST NAME First Name / Application / “Genetics and genomics of inflammatory bowel disease” by November 5th.