The BIO3 (Biostatistics, Biomedicine, Bioinformatics) group at the GIGA-R Medical Genomics Unit of the University of Liège (Belgium) is offering a **post-doctoral position** within a newly obtained TÉLÉVIE project entitled **"Drivers and Markers in Pancreatic Cancer"**. The aim of the project is to identify molecular drivers and markers of initiation, progression and dissemination of pancreatic ductal adenocarcinoma (PDAC). To achieve this goal, several teams will combine their expertise in development and phenotyping of animal models, in cancer cell biology, in bioinformatics and systems genetics, and in the follow-up of human patients. Your work will include the identification of molecular drivers of PDAC tumour progression in mice and the assessment of their predictive power in distinguishing between patients with truly localized or metastatic tumours.

Requirements

We are looking for an exceptional team player who has a passion for "big data" analysis with state-of-the-art methodologies. You have a strong interest and motivation for fundamental research, are eager to learn and to develop novel techniques when deemed necessary to tackle the scientific problem. To be eligible, you have a PhD degree in Statistical Genetics, Biostatistics, Genetic Epidemiology, Bioinformatics, Machine Learning or a related relevant field in Life Sciences and have practical experience with data analyses. Experience with exosome data or data derived from DNA/RNA-seq technologies is a distinct advantage. You have a record of high quality publications and (co-)authored at least three internationally published, peer-reviewed papers. As a creative critical thinker you are able to work both autonomously and as a collaborative team player, and are willing to work with interdisciplinary teams. Excellent English communication skills, both oral and written, are therefore necessary. Ability to meet deadlines and efficiently multitask is a must.

Terms of employment

The position will be funded according to the regulations of the Fund for Strategic Fundamental Research (FRFS) and in particular TÉLÉVIE. The successful candidate will be offered a contract till 30 September 2018 (extensions are negotiable) and can start **immediately**.

How to apply?

Applications should be sent as a single PDF file by e-mail to **kvansteen.applications@gmail.com with kridsadakorn.cha@gmail.com in cc using "BIO3 TELEVIE" as subject header**. The PDF should include a cover letter explaining your qualifications for this position, a motivation, and the names and contact information of 2 academic referees, as well as a scientific CV with detailed information on education, diplomas, grades, past research positions, and publications. Candidate screening and interviews will continue until a suitable candidate has been identified, with the first selection cut-off on 5 December 2016.

About our group

BIO3's mission is to design new statistical and bioinformatics methods and to help biomedical researchers carry out their investigations and analyze their "Big data". We are a dynamic team with recognized expertise in developing and applying methods to detect genomic interactions and in unifying biological and statistical evidence in genetic epidemiology. The group leverages a **systems approach** to exploit the recent explosion of information in human biology and medicine, hereby creating unprecedented opportunities for breakthroughs in improving human health.

More details about GIGA-R: http://www.giga.ulg.ac.be/cms/c_5593/en/research
More details about BIO3: http://www.statgen.ulg.ac.be/