

Postdoctoral Researcher – Bioinformatics and Computational Biology

Full time position

Breast Cancer Translational Research Laboratory (BCTL)

Job description

The main research focus of the BCTL consists in improving the molecular understanding of breast cancer biology using state-of-the art “omics” technologies, with the ultimate goal to accelerate the translation of basic science discoveries into the clinic. The BCTL is located at the Institut Jules Bordet (Faculty of Medicine, Université Libre de Bruxelles, HUB), the only comprehensive cancer centre in Belgium.

Profile

We are seeking for an enthusiastic researcher who is expected to lead his/her own projects focusing on the molecular characterization of breast cancer using several “omics” techniques including NGS, spatial transcriptomics and single cell analysis to study tumor heterogeneity, disease progression and resistance to treatment(s). You will also be involved in several translational research projects, which are part of international clinical studies. Besides collaboration with team members, you will also mentor junior researchers to help move the project forward. You must be highly motivated, able to work independently and show strong analytical and organizational skills.

The candidate should hold a PhD in bioinformatics, computational biology, (bio)engineering or biostatistics and should show strong interest for cancer research, genomics, bioinformatics and translational medicine. Applicants should have prior experience in NGS data analysis. Moreover, strong programming skills (R, Python/Perl) and familiarity with UNIX environment are required.

The ideal candidate has exceptional drive, creativity, and multitasking skills

Fluency in English is expected. Practical knowledge in French is a plus.

Funding

Initial funding is available for 2 years, with possible extension for 2 additional years. The salary will be determined based on experience in accordance with ULB’s pay scale. Start date: as soon as possible.

Environment

Located at the Erasme Campus of the Université Libre de Bruxelles (ULB) in Brussels, Belgium, our group is part of the Institut Jules Bordet, a leading institution recognized for its long-standing excellence in cancer research. The successful candidate will join an enthusiastic and interdisciplinary team of researchers, clinicians and bioinformaticians to work at the forefront of breast cancer translational research in an international and stimulating environment.

Application

Applications including a **letter of motivation**, a **comprehensive academic CV** and at least **two referees** should be sent to Prof. Christos Sotiriou (christos.sotiriou@hubruxelles.be) and Prof. Françoise Rothé (francoise.rothe@hubruxelles.be).

Deadline for application: 24/04/2025