**One PhD position in bioinformatics at the Breast Cancer Translational Research Laboratory (BCTL)**

**(Faculty of Medicine, Université Libre de Bruxelles, Brussels, Belgium)**

The BCTL laboratory directed by Prof. Christos Sotiriou MD, PhD, is located at the Institut Jules Bordet (Faculty of Medicine, Université Libre de Bruxelles), the only comprehensive cancer centre in Belgium.

The current research projects of the lab include:

- Molecular characterization of breast cancer using several “omics” techniques including NGS and CNA arrays to study tumour heterogeneity, disease progression and resistance to treatment(s);

- Characterization at the molecular levels of the minimal residual disease including the study of circulating tumor cells and circulating DNA;

- Several of the above translational research projects are part of international clinical studies.

The candidate is expected to lead his/her own project and simultaneously contribute bioinformatic analyses to other breast cancer related projects. Initial funding is available for 2 years, with possible extension for 2 additional years.

Expected starting date: 1st October 2015.

Candidates should hold a master’s degree in either of bioinformatics, computational biology, biostatistics or bioengineering and show a strong interest for genomics, bioinformatics, cancer research and translational medicine.

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

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.

Priority will be given to applicants with prior experience in NGS, microarrays, R/ Bioconductor and/or UNIX.

**How to apply:**

Applications including a letter of application, an up-to-date CV and at least two referees should be sent to Dr. Françoise Rothé (francoise.rothe@bordet.be).