Post-doctoral position in algorithms for cancer data analysis

Our group is looking for a post-doctoral researcher to develop methodology for the analysis of cancer epigenetics data (1 year project). We have already developed several widely used methods for cancer data analysis (http://boevalab.com/tools.html). Our research center is located in a nice central district of Paris close to Port Royal and in a walking proximity from the Luxembourg garden.

This offer provides an opportunity to work on a challenging algorithmic problem with a direct application to cancer research. The goal of the project is to formulate a strategy for the analysis of ChIP-seq signal coming from dozens of tumor samples. ChIP-seq (chromatin immunoprecipitation and sequencing) is the most commonly used technique to characterize DNA binding profiles of DNA-associated proteins: transcription factors, histone modifications and histone variants and polymerase binding.

The candidate should have computer science, mathematics, physics or bioinformatics background and have strong programming skills (C++ and (Python or R)). A doctoral degree, excellent knowledge of statistics, understanding of data analysis techniques and proficiency in English are required. Experience in bioinformatics analysis would be a plus.

Starting date: July 1, 2016 or later

To apply, please send your CV, a motivation letter in English, and the names of two references to: **Valentina.Boeva [at] inserm.fr**

Deadline for applications: **July 30, 2016**

Institute website: http://cochin.inserm.fr/institute/institute-presentation

Group website: http://boevalab.com/