

SENIOR RESEARCHER: COMPUTATIONAL BIOLOGY
at the Centre for Computational Biology (CBIO)

Institution: MINES ParisTech (Ecole Nationale Supérieure des Mines de Paris), PSL University

Research Center: Centre for Computational Biology (CBIO)

Centre for Computational Biology:

The Centre for Computational Biology is part of Mines ParisTech, one of the major engineering schools for applied mathematics in France. Our research is dedicated to the development of methods and tools in the field of Machine Learning, Statistics and Computer Vision in order to analyze massive data generated in life sciences and medicine. We work on a broad range of applications, from questions in fundamental life science to precision medicine. The Centre for Computational Biology has a partnership with INSERM, the French national health institute, and the Institut Curie, a major hospital and research center dedicated to cancer. This partnership provides access to the infrastructure and facilities of the Institut Curie and facilitates collaborative projects with other groups at the Institut Curie, as well as data sharing. Our laboratory is located in the heart of Paris and we therefore benefit from an exceptional scientific and cultural environment.

Position summary:

We are seeking a senior scientist with several years of experience as an independent researcher and with an excellent track record in the fields of Machine Learning and Statistics applied to biology and/or medicine. In particular, we would like to consolidate our activity in the fields of genomics and analysis of next-generation sequencing data with applications both in fundamental biology and medicine. Any previous experience in these fields would be an advantage. The successful candidate is expected to work in a team of 4 permanent researchers on exciting questions in computational biology, to develop his/her own line of research for which (s)he will secure funding, to supervise PhD students and Postdocs and to contribute to the scientific animation in his field of research at the CBIO and the Institut Curie.

Application file:

The application should consist of the following documents:

- a cover letter;
- a detailed CV;
- a research project (5 pages limit);
- a list of publications and of oral communications at scientific conferences;
- three recommendation letters to be sent directly to the CBIO. Alternatively, the candidate can provide contact details for three referees to be contacted directly for recommendation;
- Copies of official transcripts for all degrees at all institutions attended.

Please send the documents before 06/06/2019, to Thomas Walter, by email
(Thomas.walter@mines-paristech.fr),

or by mail (CBIO, Mines ParisTech, 60 Boulevard Saint Michel, 75006 Paris).