

URGENT!!!

Laboratory of Molecular and Cellular Biology of Cell Proliferation Control, CNRS UMR5088, Toulouse, France

Position: Two years Engineer position

Location: Laboratory of Molecular and Cellular Biology of Cell Proliferation Control, CNRS UMR5088. Toulouse, France

Description and Qualification

A two year, dry-bench Engineer position is available in the research lab of Dr Didier Trouche ([Chromatin and Cell Cycle](#)) in Toulouse, France.

Our group is interested in understanding how chromatin influences transcription and DNA double strand break repair in mammalian cells. A more complete description of our work is available online at <http://www.trouche.fr/>

Over the past few years, we have extensively used ChIP-chip and ChIP-seq technologies to get insights into various aspects of this relationship between chromatin and transcription/repair. While we have already analyzed to some extent these datasets (manuscripts in prep, and in revision), we now want to analyze them further, with respect to various other chromatin/DNA features, as well as together with any and all publicly available data, to the complete biological meaning contained within these data.

The position is designed to provide ample training to the candidate in biology, biostatistics and bioinformatics, since we work in strong collaboration with the Bioinformatics platform in Toulouse, IFR150. Candidates are required to integrate into an existing bioinformatics pipeline that primarily consists of cross platform (Linux/Windows) applications written with the Qt libraries (C++). In addition, extensive use is made of R, SQL, the linux shell (bash or other) and public databases consisting of flat files and SQL tables. Candidates will be selected based on both their ability to perform tasks in the bioinformatics domain as well as their ability to understand the biological component of the project.

Responsibilities include both improving and further developing the computational methodologies in place as well as performing data analyses and interaction with the biological research group. Thus the candidate should be able to both work independently and be able to communicate with biologists on both biological and computational aspects of the project.

Salary

Starting salary will be about 1800 euros/month, after taxes. The position begins between May and July 2010.

Contact information

In order to apply, please email CV and motivation letter to Gaëlle Legube (legube@cict.fr), Jason Iacovoni (iacovoni@toulouse.inserm.fr), and Didier Trouche (dtrouche@cict.fr).

URGENT: Candidates must apply before March 30, 2010 to be considered for the position.