

Job title: Computer Scientist – Biomedical Data Integration for Systems Biology.

Type d'offre : Offre d'emploi

Contrat : CDD

Niveau de salaire : à déterminer en fonction de l'expérience selon la grille de salaire UPMC

Employeur : UPMC

Lieu de travail : Hôpital Pitié-Salpêtrière, laboratoire i3 (www.immuno-i3.fr) Paris -France

Spécialité : Biologie, médecine, santé – Informatique & gestion de données – Biologie des systèmes

Métier : Recherche et développement

Début de parution : 15/5/2016

Job description:

The Labex Transimmunom project (www.transimmunom.fr) is seeking for a PhD in Computer Science with strong experience in biomedical data integration and data management for systems biology strategies. The Transimmunom objectives are to study inflammatory and autoimmune diseases by integrating basic, clinical and information sciences. We aim to break down some artificial boundaries by analysing important phenotypes that cut across diagnostic groups and reconsider current disease classification schemes. To this end a high amount of heterogeneous clinical and biological data must be produced and stored for analysis thus requiring proper data integration and data management schemes to ensure safe and secure data storage.

The Transimmunom project is offering an interdisciplinary environment, including biologists, immunologists, clinicians, computer scientists and bioinformaticians. The current IT infrastructure core services rely on Hyper-V and Windows Servers 2012, Active Directory, SharePoint Foundation 2013 & SQL Server 2012 hosted in the i³ laboratory (www.i3-immuno.fr).

The candidate will be in charge of improving, developing and implementing the databases, tools and interfaces needed for proper data integration and data management. He/she will participate to the project research activities regarding the systems biology strategies, including data analysis and statistical modelling.

The candidate will be based in the i³ laboratory located on the Pitié-Salpêtrière hospital campus in Paris (13ème).

Candidate profile:

A PhD in Computer Science is required with experience in (biomedical) data integration and data management, strong experience with database development and maintenance, coding languages (Java, Python, C++). Previous experience with tranSMART and/or OpenClinica data management and integration platforms would be an asset.

Social skills, responsibility and creativity:

- The applicant must be responsible and thorough enough to work in a research environment, where proper documentation and guidelines implementation is an integral part of every day's work.
- The applicant must be comfortable working with multiple collaborators and being able and patient to guide user with no special IT experience through complex IT processes.

Application:

Application (motivation letter, CV and references) must be sent in English by email only at ferial.toumi@upmc.fr. Please apply only if you fulfill the mandatory skills. This job offer will be closed as soon as the position is filled.