

Toulouse June 06th 2013



**MetaboHUB**  
Infrastructure Nationale  
en **Métabolomique**

## **MetaboHUB JOB ANNOUCEMENT**

**Job Title: Web server administration and development (IT Manager)**

**Post Reference: TOU-IE-3-WP2a**

**Grade: "Ingénieur d'étude" (software engineer)**

**Starting from: September or October 1st 2013**

**Duration: 30 months**

**Place of work: Toulouse**

Working place will be located in the INRA Toxalim site (<http://www4.toulouse.inra.fr/toxalim>) within the MetaToul-AXIOM metabolomics facility ([www.metatoul.fr](http://www.metatoul.fr), <http://www7.toulouse.inra.fr/axiommm>)

**MetaboHUB background:**

The French MetaboHUB project aims at creating a national infrastructure of metabolomics that will place France among the European leaders for advanced research services in metabolomics and fluxomics. This infrastructure will provide tools and services to academic research teams and industrial partners in the fields of nutrition and health, agriculture, environment and biotechnologies.

MetaboHUB will address major life science trends and challenges listed in the National Strategy for Research and Innovation priorities. MetaboHUB outputs will provide full service.

For more information see the web site: [www.metabohub.fr](http://www.metabohub.fr)

**Main purpose of the job/ Specific tasks of the position:**

In the framework of the work package 2 of MetaboHUB (fluxomic and metabolic networks), the aim will be to administrate and develop the MetExplore web server.

MetExplore ([www.metexplore.fr](http://www.metexplore.fr)) [Cottret et al. 2010] is dedicated to the in silico analysis of genome-scale metabolic networks. Since it's first released, it has been visited by 2500 unique visitors and is used by several international laboratories.

MetExplore is developed by a core team of four people (three in Toulouse and one in Glasgow) with the help of master students. The architecture is installed on a linux server, uses MySQL for database and HTML5/CSS/Javascript/PHP for web interface.



The person recruited will have to take in charge the administration of the web server. In a second time, it will also be possible to take part in the development of the network analysis web facilities.

**Key responsibilities:**

System Administration (Unit tests, Integration tests, Regression tests, automatic savings and updates)

Database (data synchronization with online resources, webservice access)

**Qualifications and minimum working experiences:**

Skills in French language are not a prerequisite. English mandatory or compulsory

Academic

- Master in computer science and/or bioinformatics

Compulsory skills

- Linux (e.g. bash scripting)
- Database (e.g. MySQL)

Mandatory skills

- Web programming (HTML5/CSS/Javascript/PHP)

**Salary range: starting net salary 1600 Euros/month**

**Person to contact for further information: Fabien Jourdan**

Email: [fjourdan@toulouse.inra.fr](mailto:fjourdan@toulouse.inra.fr) Tel: +33 (0) 561 28 57 15

**Person to contact for information concerning the application process:**

**Fabien Jourdan**

**Please send your application including:**

The application should contain the following attachments:

- a motivation letter reasoning your interest for a specific research project described on our webpage (max. one page)
- a full CV (max. two pages) including contact details of two references,
- Copies of relevant diplomas or university certificates
- Short statement from a former supervisor/tutor
- Contact information for at least two relevant references

**Deadline for application: July 15th**

**Profile prepared by Florence Vinson, Ludovic Cottret, Yoann Gloaguen and Fabien Jourdan**

