

Clermont Ferrand, January 31th 2019



MetaboHUB
Infrastructure Nationale
en **Métabolomique**

MetaboHUB JOB ANNOUCEMENT

Job Title: Java web developer and metabolomics database

Post Reference: CLER-IE-PF

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

Starting from: May 1st 2019

Duration: 12 months

Place of work: Clermont Ferrand / Theix

Working place will be located in the INRA Theix site (<http://www.clermont.inra.fr/>) within the Metabolism Exploration Platform ([PFEM](#)) metabolomics facility.

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: <http://www.metabohub.fr/>

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

In the framework of the work package 3 of MetaboHUB (Bioinformatics), the aim will be to work on a web Java project, called [PeakForest](#), a public portal and spectral databases Hub for Metabolomics community.

The person recruited will have to take in charge Java API and web application building. In a second time, he (she) will also be involve in data (chemical compounds and spectra) managing and curation processes in strong interaction with the distributed chemist partners of the MetaboHUB infrastructure (Toulouse, Paris, Bordeaux, Nantes and Clermont Fd). The person will work locally with an IT manager and a bioinformatician.



Key responsibilities:

Java web developer (design, engineering and training)

Database administrator/developer (design, 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

- Java
- Web development (HTML5, CSS, JavaScript, AJAX) and web libraries/frameworks.
- Databases (e.g. MySQL/PostGresql)

Mandatory skills

- Linux/Unix

Person to contact for further information: Franck Giacomoni

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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,
- Short statement from a former supervisor/tutor
- Contact information for at least two relevant references

Deadline for application: April 1st

Profile prepared by Christophe Duperier, Estelle Pujos-Guillot, Stéphanie Durand and Franck Giacomoni.

