



A Postdoc position is available at the National Institute of Agronomic Research (INRA) - PAPPSO proteomic platform to work on the H2020 project CHASSY

The PAPPSO proteomic platform is expert in protein identification and quantification by mass spectrometry, as well as in protein post-translational modifications analysis. It is an open structure working in collaboration with various French and European research teams in the framework of different projects. The PAPPSO platform is composed of 9 people including 7 full-time engineers with skills in mass spectrometry, protein biochemistry, bioinformatics and data analysis as well as statistics. PAPPSO is developing its own data analysis tools which are freely proposed to users. PAPPSO platform is equipped with 4 mass spectrometers including a last generation one acquired at the end of 2015 (<http://pappso.inra.fr>).

CHASSY is a EU-funded Horizon 2020 project entitled “Model-Based Construction and Optimisation of Versatile Chassis Yeast Strains for Production of Valuable Lipid and Aromatic Compounds”. The aim of CHASSY (<https://chassy.eu/>), is to deliver a suite of yeast strains that can serve as versatile platforms for the production of high value oleochemicals and aromatic molecules. This will be achieved by integrating the knowledge gained from systems biology with the engineering tools of synthetic biology to redesign metabolic pathways in the target yeast species. These redesigned strains will have optimised levels of product precursors and will serve as versatile chassis for industrial exploitation. CHASSY is a research partnership of five academic institutions, three companies and two others, distributed across Europe.

Several personnel are now being recruited at INRA and the current position is for a post-doctoral scientist who will work in the PAPPSO proteomic platform to realize the proteomic (sample preparation and mass spectrometry analysis) as well as proteomic data analyses for different partners of the project on wild type and engineered yeast strains cultivated in different conditions.

Expected profile:

- Skills in protein biochemistry and mass spectrometry applied to protein and peptide
- Be familiar with Linux and R language
- Good summarizing and analytical skills
- Facility to interact and communicate with different persons
- Ability to write clearly
- Fluent in English

A previous experience in a proteomic platform and in sample preparation for proteomics would be appreciated.

Net Salary: 24,000 - 25500 € according to experience

Post doc duration: 1 year possibly extended 2 years more

Expected starting date: 01-04-2017

Location: INRA Jouy-en-Josas centre (10 kms from Versailles, 25 kms from Paris, accessible by train)

Duties and responsibilities

This title will apply to an autonomous and qualified Post-Doctoral Researcher who will conduct the CHASSY proteomics analyses and will participate in the PAPPSO life. The researcher will be mentored by the engineer in charge of the platform. The Researcher will have to interact, in the one hand, with the partners of the project who will provide the samples and, in the other hand, with the whole PAPPSO team. The objective of the Researcher will be to identify, from mass spectrometry data, the pathways triggered on in different yeasts species grown in different conditions.

For informal enquiries on the post, candidates should contact:

Dr Véronique Monnet, Senior scientist or Céline Henry, engineer in charge of the platform

Email Addresses: veronique.monnet@inra.fr or celine.henry@inra.fr

To apply:

Please submit a short cover letter and C.V. to Véronique Monnet (veronique.monnet@inra.fr) and Céline Henry (celine.henry@inra.fr). When applying please include 'CHASSY – Postdoc Application' in the subject line of your email.