WORKING ENVIRONMENT AND CONTEXT

Notre établissement fait partie de l'Université PSL. Située au cœur de Paris, celle-ci fait dialoguer tous les domaines du savoir, de l'innovation et de la création. Classée parmi les 50 premières universités mondiales, elle forme au plus près de la recherche des chercheurs, artistes, ingénieurs, entrepreneurs ou dirigeants conscients de leur responsabilité sociale, individuelle et collective.

HOSTING STRUCTURE

The Metabolomics technology platform recently set up within CurieCoreTech offers access to cutting-edge analytical services to Institut Curie researchers, and more broadly to external users from academic institutions and companies in France and abroad. This platform will focus on analyses and methodological developments in metabolomics and lipidomics tailored to each research project. The platform is equipped with high-performance equipment: high-resolution mass spectrometry (Orbitrap), GCMS and triple quadrupole spectrometers, as well as high-performance liquid chromatography (HPLC), ion chromatography (IC) and automated direct infusion.

MISSIONS

MAIN TASKS

The selected candidate will receive training on the use and maintenance of all equipment, as well as on data analysis software. Training will be provided by equipment suppliers and will lead to certification. The engineer will be responsible for sample preparation, operation and maintenance of the equipment.

The main tasks are :

- **Sample preparation, including sample homogenization, metabolite extractions and purification for metabolite analysis**
- **Operation and maintenance of various chromatography apparatus**
- **Operation and maintenance of mass spectrometers**
- **Acquisition and analysis of metabolomics data, using dedicated software**
- **Development of methods under the supervision of the Platform Manager for sample preparation, chromatographic separation and optimization of data acquisition.**

APPLICANT PROFILE

KNOWKEDGE AND QUALIFICATIONS EXPECTED

- **In-depth knowledge of Chemistry and Bioanalysis required**

OPERATIONAL KNOWLEDGE

- **Experience in chromatography and mass spectrometry required**
- **Appreciated experience of experimental approaches in Metabology and Lipidomics**

DIGITAL QUALIFICATIONS

- **Ability to program in different programming languages appreciated**

LANGUAGE SKILLS

- **Good English language skills**

SOFT SKILLS

- **Ambition and commitment to learning**
- **Ability to work in a team**
- **Organization and critical thinking**

NON DISCRIMINATION, OUVERTURE ET TRANSPARENCE

Notre établissement, comme l'ensemble de l'Université PSL, s'engage à soutenir et promouvoir l'égalité, la diversité et l'inclusion au sein de ses communautés. Nous encourageons les candidatures issues de profils variés, que nous veillerons à sélectionner via un processus de recrutement ouvert et transparent.

APPLICATION PROCESS

Send CV, cover letter and contacts of at least 2 references by email to :
Julio Lopes Sampaio (julio.lopes-sampaio@curie.fr)

CONTACT

Lopes Sampaio Julio
Julio.lopes-sampaio@curie.fr

OTHER INFORMATION

Type de contrat / de poste : **CDD**
Durée du contrat : **24 months**

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