

JOB TITLE : Engineer in analytical chemistry

POSITION

Localisation : Anglet (64), France

Statut : Category A contract agent

Duration : 18 months, renewable

Starting date : **01 march 2021**

Monthly gross salary: **2 800 €**

CV et motivation letter to be sent to mathilde.monperrus@univ-pau.fr before 22 January 2021.

CONTEXT

The University of Pau et des Pays de l'Adour (UPPA) is a multidisciplinary university (Sciences and techniques, Letters, Languages, Human sciences, Law, Economics, Management) and multi-sites (Pau, Anglet, Bayonne, Mont de Marsan, Tarbes). UPPA is coordinating, alongside INRAE and Inria, the E2S UPPA I-SITE (Solutions for Energy and Environment) project.

In this context, a position for an engineer in chemical analyzes is open.

MISSION and MAIN ACTIVITIES

You will be attached to the MICROPOLIT research program which aims to gain a better understanding of priority and emerging micropollutants: their different sources, their reactivity and their dispersion in the South Aquitaine coastal environment as well as their impact on the environment.

As such, your main missions will consist of:

- implement techniques and methods of chemical analysis (analytical, spectroscopic, chromatographic GCMS, LCMSMS ...)
- optimize the analytical conditions, write the protocols for using the equipment;
- steer the realization of measurements and validate the results for their scientific exploitation;
- provide training and supervision for users (trainees, students, etc.), transfer knowledge and know-how;
- organize equipment schedules, manage equipment and consumables for their operation; diagnose device malfunctions and ensure their routine maintenance, in conjunction with suppliers;
- ensure a technological watch on scientific and technical developments.

SKILLS / KNOW-HOW

Coming from a background in Chemistry with a specialization in Analytical Chemistry, you have at least two years of experience in this field. The skills required are:

- have solid theoretical and practical knowledge of analytical techniques and MS methods (LC-MSMS, GC-MS);
- ideally, know the methods dedicated to micropollutant analyzes in terms of their principles, their specificities and their implementation;
- know how to anticipate and be able to propose solutions and technical developments;
- know how to write user manuals and technical data sheets;
- be rigorous and methodical;
- know how to take initiatives;
- know how to locate the level of intervention and prioritize and meet deadlines.