

Junior Chair Position in Biochemistry/Enzymology

IPREM - E2S UPPA

Du 7 juin 2020 au 20 août 2020



📌 Junior Chair Position in Biochemistry/Enzymology

To candidate | 📄

Research Group:



Recently, UPPA was granted the label Initiatives Science Innovation, Territoires, Economie (I-SITE) in the frame of the second Programme d'Investissements d'Avenir (PIA 2) with its project Energy Environment Solutions (E2S). To become an attractive international reference in research in these two areas, E2S UPPA has implemented different research tools, including scientific research chairs: 'Chaires d'Excellence Partenariales'. The proposed position is in the framework of one of these partner-based chairs:

MANTA - MAriNe MaTerIAls.

In the MANTA research chair, led by [Dr. Susana de Matos Fernandes](#), we use marine organisms and the marine environment as a source of inspiration for the development of novel functional (bio)materials and processes combining chemistry, biology, materials science and biotechnology. Our research is funded by large grants from Campus France (Make Our Planet Great Again: MOPGA), FORMAS and public institutions and private partners namely E2S UPPA, Communauté d'Agglomération du Pays Basque (CAPB), Région Nouvelle Aquitaine (NA), Comité Interdépartemental de Pêche Maritimes et des Elevages Marins (CIDPMEM 64 40) through a DLAL project, Laboratoires de Biarritz and Lees.

Duties:

This research project requires a highly creative individual with strong analytical skills as well as practical skills regarding enzymatic tools for polymer functionalization. You are also expected to be a good lecturer, as the position also includes teaching duties (64h/year). Moreover, the team is made up of scientists with very different backgrounds and the candidate will have to be able to communicate with all the team members. You should be able to provide support in various disciplines in on-going research projects and collaborations and to apply for new research projects on the topics of marine bioresources valorization and marine bio-inspired materials.

More details : 📌 [Junior Chair Position in Biochemistry/Enzymology](#)

Requirements:



- To be eligible for this UPPA employment, the candidate must hold a PhD degree in Biochemistry, Enzymology, Microbial and Enzymatic Engineering, Biotechnology or similar disciplines, and a large part of the applicant PhD project should be focused on the use of enzymatic tools for polymer functionalization.
- Extensive experience in experimental research in biocatalysis, enzymology and biochemistry. A strong competence in the natural polymer area is a plus.
- Extensive experience in HPLC; GC-MS; NMR; HPAEC-PAD; HPSEC; Crystallogenesi s, Crystallography, protein-ligand interaction analyses, uniform and specific isotopic labelling.

Timeline:

The chair will be funded for 5 years, starting from **December 2020/ January 2021** - at the earliest- with a monthly salary (before taxes) in accordance with that of an assistant professor (national grid). The start-up package to support this junior chair consists in two PhD candidates (or one PhD candidate and one postdoctoral fellow) and associated running costs. Teaching would be limited to 64 hrs academic duty.

Host Lab:

MANTA is hosted by **IPREM** that is a joint Research Unit CNRS/UPPA (UMR 5254) in **Pau** and **Anglet**, France.

Please submit your application via <https://aap-e2s.univ-pau.fr> by **August 21th, 2020**

CAUTION! Applications received through any other mean will not be reviewed!

For further information about the position in Biochemistry and MANTA group, please contact:

 [Susana de Matos Fernandes](mailto:Susana.de.Matos.Fernandes@univ-pau.fr)

For further information about general questions or application assistance, please contact:

 [Corinne Nardin](mailto:Corinne.Nardin@univ-pau.fr)