



Post-doctoral position in natural product chemistry

Formaliser le “métabolisme souterrain” pour comprendre et exploiter l’émergence évolutive de la complexité moléculaire des substances naturelles

Formalizing "underground metabolism" to understand and exploit the evolutionary emergence of molecular complexity of natural substances

- **Job description:** post-doctoral fellowship (12 months) starting mid 2023
- **Location:** BioCIS, Université Paris-Saclay, Orsay, France
- **Project:** evaluating/formalizing the power of « underground metabolism » to let molecular complexity emerge in the field of natural product biosynthesis. Especially through enzymic promiscuity and spontaneous cascade reactions. Applications to the total synthesis of polycyclic natural products.
- **Required skills:** Organic synthesis, natural product chemistry, desired experience in biocatalysis, NMR, experience in (or high motivation to learn) chemoinformatics (especially from mass spectrometry data) and high-throughput experimentation.
- **Contacts:** Pr Erwan Poupon (erwan.poupon@universite-paris-saclay.fr) and Pr Mehdi Beniddir (mehdi.beniddir@universite-paris-saclay.fr)
- **Application:** via <https://emploi.cnrs.fr/>, cover letter and CV with contact details for at least two letters of reference. Deadline: April 12th 2023.