



Organic Chemist

PILI, PARIS, FRANCE, ORGANIC SYNTHESIS, FULL TIME

PILI is a three years old biotechnology company. Our mission is to develop, as an alternative to petroleum-based synthesis, a production of dyes and pigments based on fermentation processes and enzymatic catalysis. We believe that the next generation of those chemicals should involve more sustainable methods of production. Microorganisms allow us to efficiently combine sustainability, safety and performance in the production of organic intermediates.

We work at *le Conservatoire National des Arts et Métiers* à Paris (Cnam), pioneering centre in the synthesis of colouring molecules since the creation of the “Chaire de chimie tinctoriale” back in 1852. Nowadays, chemists at le CNAM welcome us to reinvent colour manufacturing through synthetic biology and modern organic chemistry. Our products are intended to integrate any application requiring colours, from textiles to (bio)plastics.

We are looking for a **Research Engineer in organic chemistry** with a background in compound library synthesis to pursue the development of our range of renewable and biobased colours in our research centre in chemistry at Le Cnam.

RESPONSIBILITIES

- Synthesis and characterization of biosynthetic targets
- Development of innovative methods for the functionalization of biosynthetic intermediates
- Supervision of the applicative testing of new colouring candidates in a wide range of industrial fields
- Structure-Performance Relationship determination through data analysis
- Identification and synthesis of new targets arising from the data above

REQUIREMENTS

- Ph.D. or equivalent
- Previous success in the development of a library of compounds
- Deep understanding of organic chemistry's mechanisms
- Prior experience with aromatic compounds functionalization
- Any experience in process development or photoactivator synthesis would be a plus
- Autonomy, serious and reporting's concern
- English: Fluent; French: conversational

CONDITIONS

- Effective start date: January 2019
- Remuneration: from 2500 € gross according to profile
- 12-month fixed-term contract to be converted into permanent contract

If you want to know more about us you can consult our website at www.pili.bio or twitter account @pili_bio

Applications (Resume and cover letters) should be sent to : careers@pili.bio