**Purification of phenolic compounds from oilseeds**

A one-year postdoctoral position (or engineer) is currently available at the research unit BIOPI (https://biopi.u-picardie.fr) in analytical chemistry of natural products. The recruited applicant will be in charge of the extraction, purification and characterization of singular phenolics from oilseeds. The aim is to limit lipid peroxydation within the context of alimentary purposes. The main part of the position will consist in the development of preparative HPLC methods to purify compounds in a sufficient amount to perform coencapsulation and biological assays. The metabolism of the phenolics will also be studied via a global approach and targeted analysis.

The successfull candidate will be joining a multidisciplinary team in basic and applied plant sciences gathering about 50 people. The unit benefits from all facilities of the technological platforms of the University of Picardie, notably the analytical platform (4 NMR machines and High Resolution Mass Spectrometers).

Candidates should have a strong background in analytical chemistry and a significant experience in sample preparation and liquid chromatography. An additional background in structural characterization by NMR will be appreciated. The successfull candidate will be expected to publish experimental results and present work at national or international conferences.

The salary will be evaluated according to the University of Picardie standards with the possibility to do teachings in Phytochemistry at the Faculty of Pharmacy in addition.

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