

**Post-doc position (1 year) in the Plant Biology laboratory of Gembloux Agro-Bio Tech – University of Liège on the use of plant natural products as fertilizers additives to enhance nutrient use efficiency in crop plants – (Posted July 2017)**

A post-doc position is available for one year (possibly extended) in the Plant Biology Laboratory of Gembloux Agro-Bio Tech (Gembloux, Belgium), under the supervision of Prof. Patrick du Jardin, in collaboration with an international company active in specialty fertilizers for cultivated plants. The general aim of the research is to develop innovative fertilizers additives, derived from plant natural products and showing a capacity to enhance nitrogen use efficiency in crop plants by interacting with soil microbes. The work will involve the identification and the testing of available plant secondary compounds for their capacity to inhibit specific enzymatic activities of soil bacteria. Routes to their exploitation as fertilizers additives will be defined, considering the information available in patents and registration files databases.

A highly-motivated candidate is looked for with ability to develop innovative work in a multidisciplinary environment. This fellowship is restricted to non-Belgian citizens, having spent less than 24 months in Belgium over the last 3 years. Project start is flexible but expected in September or October 2017. The applicant is informed that the industrial partner might impose restriction on the publication of the research results.

Enquiries and applications (containing a letter of intent, CV, copy of doctoral degree, names of references and date of availability) to: Prof. Patrick du Jardin (pdf documents to [bioveg.gembloux@ulg.ac.be](mailto:bioveg.gembloux@ulg.ac.be)). Deadline for applications: August 20<sup>th</sup> 2017.