

**Postdoc vacancy in the research group 'Development of Eco-efficient Processes for Sustainable Industrial Chemical and Biochemical Engineering', led by Prof. Patricia Luis at the Catholic University of Louvain, Belgium**

Profile:

Engineer with experience on membrane technology, preferably pervaporation, and membrane synthesis

Specific aspects of this vacancy:

- The candidate should be willing to work in an international group, being sociable, team worker, helpful and friendly
- English is a mandatory language (high level in writing and spoken English). French is a plus point.
- The candidate's curriculum should show publications on membrane technology (pervaporation) and/or membrane synthesis, as first author.

Status:

1-year postdoc contract. Starting date: October 2018 (possible delay accepted, if justified)

Research topic:

*DOWNSTREAM PURIFICATION OF BIO-BASED MOLECULES BY PERVAPORATION*

The postdoc researcher will be in charge of the current research on pervaporation in the group, which is oriented to the development of a new experimental reaction-pervaporation system to separate bio-based molecules. The researcher will build up the set-up and perform the experimental study with commercial membranes, self-made membranes, supported ionic liquid membranes and catalytic membranes. Candidates with experience in membrane synthesis and/or synthesis of catalytic membranes will be preferred. Detailed information will be provided during a skype interview.

Application:

If interested, please send your CV, a motivation letter and (a) reference(s) letter(s) by email to:

Prof. Patricia Luis: [patricia.luis@uclouvain.be](mailto:patricia.luis@uclouvain.be)

**Deadline : 30<sup>th</sup> September 2018**

+ info research group: <https://uclouvain.be/en/research-institutes/immc/imap/development-of-eco-efficient-processes-for-sustainable-industrial-chemical-and-biochemical-engineering.html>