

Post-doc position

In the framework of a multidisciplinary **project with companies** aiming **to develop a feed supplement to improve the intestinal health of piglets at weaning**, the Precision Livestock and Nutrition Unit (Prof. Nadia Everaert and Prof. Jérôme Bindelle) of Gembloux Agro-Bio Tech, faculty of BioScience Engineering of the University of Liège (Belgium), are recruiting a post-doc candidate for a duration of **36 months** (evaluation after 6 months; and a GO/NO GO step after 18 months of the project), **starting from October 2017**.

The candidate will use *in vitro* methods to assess the potential of certain feed supplements to modulate the intestinal digestive process, fermentation and microbial communities. In a second phase, *in vivo* experiments are carried out and samples are analyzed to determine i.e. the microbiota and intestinal health parameters. New molecular techniques need to be optimized. He/she will also contribute to the supervision of PhD candidates and lab technicians.

Profile :

- the candidate must hold a PhD in one of the following areas: applied biological sciences, veterinary sciences, medical sciences, biomedical or pharmaceutical sciences, with strong background in nutrition and/or physiology;
- the candidate should display excellent communication skills as this project is in collaboration with other laboratories and companies. In addition, the candidate should be able to manage the project and organize all the planned tasks according to the tight time-schedule.
- the candidate should have a good knowledge in:
 - o *in vivo* animal experiments
 - o *in vitro* fermentation models, cell culture
 - o molecular biology methods (ELISA, qRT-PCR, etc.)
- the candidate must comply with the Belgian regulations on the use of laboratory animals or be ready to do so by following the appropriate training during the first year of the research ;
- The candidate should have good writing skills in English.
- knowledge of French is an asset ;

The hired candidate will be based in Gembloux, but will have to collaborate with other labs and companies located around Namur and Liège.

Please send your CV and motivation letter to Nadia Everaert by email (nadia.everaert@ulg.ac.be) before 30th of June 2017. For questions also contact Nadia Everaert.

Between the third and 14th of July 2017, selected candidates will be invited for an interview (in Gembloux or by skype).