**Postdoc position (molecular biology, genetics and bioinformatics) to investigate molecular determinants of virus resistance in a tropical crop species**

Cassava is one of the most important staple crops in Africa and its importance is growing in the tropics. Cassava yield potential is not reached in many cassava producing regions in Africa due to several factors, including its susceptibility to viral diseases. In the present project, we aim at deciphering molecular determinants for virus resistance (geminiviruses and ipomoviruses) in cassava. The project will involve the use of bioinformatics tools to investigate genomic organization of resistant breeding lines as well as the validation of candidate genes in the natural host pathosystem.

The project will build on ongoing collaboration with European and African teams. The successful candidate should be ready to travel to Africa.

Research activities will be performed at University of Liège, Gembloux Campus (35 min by train from Brussels) in an international newly established team (Plant Genetics Lab) with research focus on improvement of vegetatively propagated crops (potato, cassava). Weblink: [http://www.gembloux.ulg.ac.be/plant-genetics/](http://www.gembloux.ulg.ac.be/plant-genetics/)

**Profile**

The candidate should hold a PhD and have demonstrated expertise as well as scientific publications in molecular biology, bioinformatics, plant genetics. Candidates with good expertise in bioinformatics are particularly welcome. Excellent oral and written communication in English is required.

Appointment is for 2,5 years with possibility of contract extension.

**Benefits**

Net salary after taxes and social benefit costs is 2250 €/month.

**Information and application:**

Professor Hervé Vanderschuren, Plant Genetics, Gembloux Agro BioTech, University of Liège, Belgium ([herve.vanderschuren@ulg.ac.be](mailto:herve.vanderschuren@ulg.ac.be))

Application (CV, cover letter and two letters of recommendation) should be sent by Email to Professor H. Vanderschuren.

Deadline for application: 28/02/2017

Starting date: March or April 2017.