

PhD student position available

Requisites

Master degree in Biology, Biotechnology, Biochemistry or related fields.

Important additional requisites are listed in Article 6 of the public call available in [this link](#). Experience in Molecular Microbiology, protein purification and biochemical characterization of proteins will be evaluated. Proficiency in English or Spanish will be evaluated.

Description of work

This project aims to find or generate genetically simpler nitrogenases to be applied in further bioengineering efforts to implement biological nitrogen fixation in cereal crops. The selected candidate will work at the Biochemistry of Nitrogen Fixation group of the [Center for Plant Biotechnology and Genomics](#) of Madrid, and will receive further training in Molecular Biology, anaerobic protein purification, and biochemical characterization of nitrogenase related iron-sulfur proteins. This FPI contract is associated to the project BIO2017-88475-R of MINECO.

What we offer: A PhD contract under the conditions of the FPI program. We offer modern and fully equipped facilities to carry out state of the art research in microbial molecular biology, microbial fermentation, and anaerobic biochemistry.

Deadline for submission: October 22, 2018

Contact info: Interested candidates should send their CV and the contact information of at least one reference to Dr. Luis Rubio (lm.rubio@upm.es). The subject "Nitrogenase FPI" should be included in the application.

More information about the FPI call is available in [this link](#).

For additional information on the research activity of our group please visit:

http://www.cbgp.upm.es/en/nitrogen_fixation.php

