



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 101034288

3-Year MSCA-COFUND Postdoctoral Researcher position at the Public University of Navarra (Spain)

Postdoctoral position in legume-rhizobium symbiotic interactions: role of ethylene in the *Medicago truncatula*-*Sinorhizobium meliloti* symbiosis

We are looking for a highly motivated postdoctoral researcher to investigate the molecular mechanisms that regulate the establishment of legume-rhizobium symbiosis. The project, Iberus Experience (www.iberusexperience.com), has received funding from the European Union under the **Marie Skłodowska-Curie (MSCA)-COFUND** program to fund a **postdoctoral fellow for 3 years** to join **Cesar Arrese-Igor** and **Estibaliz Larrainzar's** group at the **Public University of Navarra**. The successful candidate will participate in deciphering the molecular mechanisms that govern **ethylene signaling** during the *Medicago truncatula*-*Sinorhizobium meliloti* symbiosis. The fellowship also includes short training periods in **international laboratories*** and in an **agri-food industrial company**** to give the candidate the opportunity to gain both academia and non-academia research experience, and to obtain new methodological skills (e.g. live cell imaging, molecular and plant transformation methods, CRISPR-Cas9 and proteomics, among others).

* **LIPME, INRAE-Toulouse** (in the team of Fernanda de Carvalho-Niebel and Andreas Niebel)

** **University of Vienna** (in the team of Stefanie Wienkoop)

Working conditions:

3 years contract (37.5 h/week). **Gross salary 37,828 €/year**. Researchers with family will receive a **family allowance**. Additionally, fellow will receive a **research budget of 28,800 euros**. Estimated starting date **Nov 2022**.

Eligibility criteria:

The applicant should hold a **doctoral degree in Plant Biology** or a related field. The researcher must comply with the **mobility rule of the Marie Skłodowska-Curie Actions: not** have resided or carried out their main activity in **Spain for more than 12 months in the 3 years immediately before the call deadline**. We seek candidates with a background in plant science, microbiology and/or plant-microbial interactions with a solid foundation on molecular biology. We are looking for an independent and collaborative colleague with excellent communication skills.

Applications:

Applications should include a motivation letter, a detailed CV and the contact details of two references. Applications should be sent to **Estibaliz Larrainzar before 01 December 2021** (estibaliz.larrainzar@unavarra.es).