



كلية العلوم
السملاية - مراكش
FACULTÉ DES SCIENCES
SEMLALIA - MARRAKECH

POST-DOC in BIOTECHNOLOGY – PLANT-MICROORGANISM INTERACTIONS

“The CICLICA project recruits a post-doc in biotechnology. This project aims to promote more sustainable agriculture and focuses on developing alternative strategies by validating the implementation of water-saving strategies using Nanobiotechnology to mitigate salinity and water stress and using biofertilization under climate change conditions.”

Candidate profile: Holder of a Moroccan doctorate, you have the following skills:

- Strong knowledge in microbiology, interactions between plants, mycorrhizal fungi and PGPR, molecular biology, bioinformatics and biostatistics.
- Excellent interpersonal skills and a taste for teamwork.
- Writing fluency, particularly in English, as evidenced by your previous work's various publications (articles, patents).
- The successful candidate is expected to be highly motivated, capable of planning and executing experiments independently and actively contribute scientifically to the group.

Role and responsibilities of the post-doc:

The recruited person will accomplish two missions:

- Screening the vertical stratification of mycorrhizal fungal communities in the forestry ecosystem. To do this, he or she will participate in sampling campaigns in the Saharan regions.
- Will be able to support the processing and analysis of a sample acquired on the distribution of mycorrhizal fungi between different host trees and the link to the host preference of certain mycorrhizal epiphytic plants.

Furthermore, the candidate may counsel doctoral students working on projects in plant biotechnology.

Workplace :

Morocco (Cadi Ayyad University: FPS, FSSM, & CNEREE)

Spain (CEBAS-CSIC; Murcia)

Contract:

A fixed-term contract for up to 6 months, renewable only once.

Supervision:

Under the responsibility of **Dr. Faissal AZIZ**, Associate professor at Cadi Ayyad University, National Coordinator of the CICLICA project (June 2022 - June 2025).

Selection procedure:

1st phase of selection: on CV and cover letter.

2nd selection phase: interviews.

The deadline for receipt of the cover letters and CVs is **January 26, 2023**.

Send a **cover letter** accompanied by a **CV** to:
f.aziz@uca.ma and secretariat.fps@uca.ac.ma

