

## The Faculty of Sciences Semlalia, Marrakech University Cadi Ayyad

In collaboration with University of Seville,  
UM6P, and MICROBIONA Association



organize

### The International Workshop:

## “Agrobiotechnology for the Bioremediation of soils polluted by Metals”

### BIOREMET 2022

May 25-26, 2022, Marrakech-Morocco (FSSM, Amphi 10)

In the framework of the project **PPR2/2016/42** financed by the CNRST, Morocco, the **end-workshop BIOREMET** will be organized on **May 25-26, 2022**.

The intensive urbanization and rapid industrial development led to a noticeable increase in trace elements, mineral acids, metals, and inorganic pollutants ..., which are significant environmental threats and therefore, have gathered worldwide attention for making the environment free of pollutants.

Agrobiotechnology remediation strategies involve the use of plants and the resistant beneficial microorganisms to remove,

immobilize, transform, or detoxify heavy metals from the environment.

In highly contaminated areas, the application of pollutant-resistant/tolerant microorganisms may be required to support plant growth and establishment that can greatly progress the soil revegetation process and reduce/limit translocation of inorganic xenobiotics to plant tissues/organs.

This project PPR2/2016/42 was carried out in collaboration with the University of Seville, Spain, and allowed, among others, the defense of two PhD theses (Dr. El Alaoui Abdelkhalek in 2018 and Dr. Raklami Anas in 2021), a Master thesis of Mr. Richard Mugani (2017), an ongoing PhD thesis of Mr. Sahlaoui Tarik, and several publications with high impact factor.

### OBJECTIVES

- To overview and update the scientific research progress in the field of agrobiotechnology for the bioremediation of soils polluted by metals.
- To exchange experiences and knowledge between national and international scientists, and practitioners.
- To inform and disseminate recommendations to the stakeholders, decision-makers, and private sector companies on the importance of agrobiotechnology in the rehabilitation of highly contaminated areas.

### HONOURABLE COMMITTEE

Director of the National Centre of Scientific and Technical Research (CNRST), Rabat, Morocco  
 President of University Cadi Ayyad, Marrakech, Morocco  
 Dean of the Faculty of Sciences Semlalia, University Cadi Ayyad, Marrakech, Morocco  
 Director of National Institute of Agronomic Research (INRA), Morocco  
 Regional Director of the Environment, Marrakech-Safi, Morocco

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Please fill and send the attached registration form and your abstract using the attached **Template** in Word format to: [oufdou@uca.ma](mailto:oufdou@uca.ma) and [anas.raklami@gmail.com](mailto:anas.raklami@gmail.com) ; Web site : [www.ucam.ac.ma/microbiona](http://www.ucam.ac.ma/microbiona)