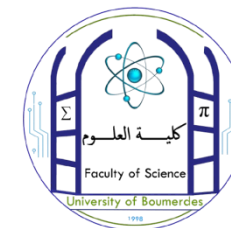
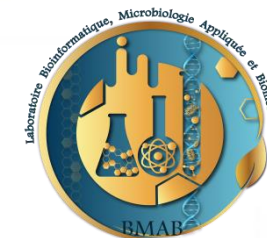
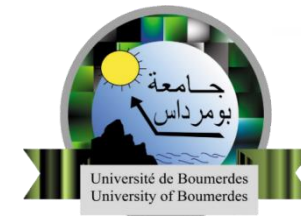


Ministry of Higher Education and Scientific Research  
M'Hamed Bougara University, Bumerdes  
Faculty of Sciences  
Laboratory of Bioinformatics, Applied Microbiology and Biomolecules  
(BMAB)



# CERTIFICATE

## ---- OF PARTICIPATION ----

This certificate is proudly presented to:

**Dr ARIECH Mounira**

For participating in the National Day of Applied Microbiology in Service of Industry (JNMAI'25), Held on May 08th, 2025 at University of Bumerdes (UMBB, Algeria).

by an Oral communication entitled:

**Utilisation des probiotiques dans la formulation des préparations dermatologiques**

**The President of the JNMAI'25**

Pr. KEBBOUCHE GANA S.  
Présidente  
JNMAI 2025



**Chairwoman of scientific committee**

الأستاذة: خميلة سعاد (ز) طالبي