



Iranian Research Organization  
for Science and Technology



Iranian Society of  
Microbiology (ISM)

**ISC**

Islamic World Science Citation Center

0223-34592

**24<sup>th</sup> IRAN'S INTERNATIONAL  
CONGRESS OF MICROBIOLOGY**

18-20 SEPTEMBER 2023

**ESCMID**  
MANAGING INFECTIONS  
PROMOTING SCIENCE

# CERTIFICATE OF PRESENTATION

This is to certify that

**Zahra Keshtmand**

presented a paper titled:

**Investigating the effects of postbiotic mixture (*Lactobacillus casei*, *Lactobacillus rhamnosus* and *Lactobacillus heloticus*) on the antioxidant factors of testicular tissue infected with *Escherichia coli* bacteria in rat**

**Reza Keshtmand ,Zahra Keshtmand**

as a **Poster** at the 24<sup>th</sup> Iran's International Congress of Microbiology, which was organized by the Iranian Research Organization for Science and Technology (IROST) and the Iranian Society of Microbiology (ISM), from September 18<sup>th</sup> to 20<sup>th</sup>, 2023.



**Prof. Fereshteh Shahcheraghi**  
Scientific Secretary of Congress

**Dr. Maliheh Safavi**  
Executive Secretary of Congress

**Prof. Mehrdad Azin**  
Scientific Secretary of Congress