



Iranian Research Organization
for Science and Technology



Iranian Society of
Microbiology (ISM)

ISC

Islamic World Science Citation Center

0223-34592

**24th IRAN'S INTERNATIONAL
CONGRESS OF MICROBIOLOGY**

18-20 SEPTEMBER 2023

ESCMID
MANAGING INFECTIONS
PROMOTING SCIENCE

CERTIFICATE OF PRESENTATION

This is to certify that

Maryam Siroosi

presented a paper titled:

Determining effects of nitrate, arginine, and ferrous on antibiotic recalcitrance of clinical strains of *Pseudomonas aeruginosa* in biofilm-inspired alginate encapsulates

Maryam Siroosi ,Fereshteh Jabalameli ,Mohammad Emancini ,Reza Beigverdi ,Shahnaz Halimi

as a **Poster** at the 24th 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 18th to 20th, 2023.



Prof. Fereshteh Shahcheraghi
Scientific Secretary of Congress

Dr. Maliheh Safavi
Executive Secretary of Congress

Prof. Mehrdad Azin
Scientific Secretary of Congress