



Iranian Research Organization
for Science and Technology



Iranian Society of
Microbiology (ISM)

ISC

Islamic World Science Citation Center

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

18-20 SEPTEMBER 2023

ESCMID
MANAGING INFECTIONS
PROMOTING SCIENCE

CERTIFICATE OF PRESENTATION

This is to certify that

Mera Sharif

presented a paper titled:

Antibacterial activity of postbiotics metabolites against Mycobacterium avium subsp. paratuberculosis: an in vitro study

Mera Sharif ,Naheed Mojjani ,Nader Mosavari ,Fattah Sotoudehnejad Nematalahi

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