Journal of Microbial Biology

14rd Year, Vol. 14, No. 56, 2025
Online ISSN: 3060-7647
Publisher: University of Isfahan

Editors-in-Chief

Dr. Giti Emtiazi
University of Isfahan, Iran
emtiazi@yahoo.com

Director

Dr. Seyed Hamid Zarkesh
University of Isfahan, Iran
s.h.zarkesh@sheffield.ac.uk

Editors

Dr. Zahra Etemadifar
University of Isfahan

Dr. Farshad Darvishi
University of Maragheh, Iran

Executive Manager

Rabeeh Sadat Mousavifard
University of Isfahan, Iran
rb.mousavi@yahoo.com

International Editorial board

Professor Byung-Gee Kim
Seoul National University, Korea

Professor June-Hyung Kim
A University, Busan, Korea

Professor Oguzhan Gunduz
Marmara University, Istanbul, Turkey

Professor Farhid Hemmatzadeh
University of Adelaide, Adelaide, South Australia

Professor Mohammad J. Taherzadeh
University of Boras, Boras, Sweden

Editorial board

Dr. Seyed Hami Zarkesh Esfahani
University of Isfahan, Iran

Dr. Giti Emtiazi
University of Isfahan, Iran

Dr. Mehrdad Azin
Iranian Research Organization for Science &Technology (IROST), Iran

Dr. Mohammad Reza Pour Shafie
Pasteur Institute of Iran, Iran

Dr. Mohammad Roayaei
Shahid Chamran University of Ahvaz, Iran

Dr. Nurekhoda Sadeghifard
Ilam University, Iran

Dr. Ruha Kasra Kermanshahi
Alzahra University, Iran

Mehdi Hassanshahian
Shahid Bahonar University of Kerman

Masoomeh Shams-Ghahfarokhi
Tarbiat Modares University, Tehran, Iran

Dr. Mohammad Rabbani
University of Isfahan, Iran

Mohsen Mobini-Dehkordi
Associate Professor shahrekord university

Dr. Mojtaba Taran
Razi University, Iran

Dr. Iraj Nahvi
University of Isfahan, Iran

Dr. Malahat Ahmadi
Urmia University, Iran

Dr. Hajieh Ghasemiyan Safaee
Isfahan University of Medical Science, Iran

Dr. Nima Hosseini Jazani
Urmia University of Medical Science, Iran

Indexing and Abstracting	
ISC: Islamic World Science Citation center	http://search.ricest.ac.ir/ricest/
SID: Scientific Information Database	http://fa.journals.sid.ir/
Magiran: Journals database	http://www.magiran.com
DOAJ: Directory of Open Access Journals	http://www.doaj.org
Ulrichsweb: Global serials directory	http://ulrichsweb.serialssolutions.com
Index Copernicus: IC Journal Master List	http://journals.indexcopernicus.com
EBSCO host databases	http://www.ebscohost.com
Google Scholar	http://scholar.google.com/
EZB: Electronic journal library	https://opac.giga-hamburg.de/ezb
Journal Database	http://www.journal-data.com
Academic Journals Database	http://journaldatabase.info
Cite factor: Academic Scientific Journals	http://www.citefactor.org/
Stanford University Libraries	http://www.sciwindex.com/
Stanford University Libraries	http://searchwork.stanford.edu/
Worldcat	http://www.worldcat.org/
Infobase Index	http://www.infobaseindex.com/
ACADEMIA	https://independent.academia.edu/bjmisfuni
Linkedin	https://www.linkedin.com/in/biological-university-isfahan-0275ba202
CIVILICA	https://civilica.com/l/19560/
AGRIS	https://www.fao.org/agris/data-provider/university-isfahan
CAS Source Index (CASSI)	https://cassi.cas.org/search.jsp
Sherpa Romeo (Jics)	https://v2.sherpa.ac.uk/id/publication/44204
Asian Science Citation Index	https://ascidatabase.com/masterjournallist .php?v=Biological+Journal+of+Microorganism

Address

BJM Processing Journal Office UI Press, Central Library Building, University of Isfahan Hezarjarib Ave. Isfahan, Iran Postal Code: 8174673441

Contact Info

(0098) 31 37934230

(0098) 31 37932177

bjm@res.ui.ac.ir

Biological Journal of Microorganism has been recognized and ranked as a Scientific-Research journal based on the document number 3/270996 issued by the Evaluation Committee of Scientific journals of Research and Technology Ministry, in March, 2012.

Table of Contents

- Enhancing β-Carotene production in the mold Blakeslea Trispora under imidazole stress via Adaptive Laboratory Evolution 1-14
  Hamideh Moradi, Davood Zare; Mehrdad Azin, Hamid Moghimi

- Investigation of prevalence of biocide resistance genes qac A/B, smr and nor A in Staphylococcus aureus isolates and susceptibility of these isolates to Benzalkonium chloride 15-47
  Zahra Samsami, Nazanin Ataee; Atefeh Sarafan sadeghi, Davood Mansury, Mahboubeh Derakhshani

- Investigation of the Symbiotic Relationship Between Oak and the Fungus Tuber aestivum in Enhancing Vegetative Growth 49-65
  Parvin Bagherifar, Seyed Mohammad Waez-Mousavi, Kamran Rahnama

- Isolation and Identification of Fusarium Species Associated with Wild grass in Wheat Fields of Western Iran and Major Mycotoxins Produced 67-82
  Maryam Karami, Dustmorad Zafari, Khosrow chehr

- Isolation, Screening, and Optimization of Laccase Production from Yeast: A Novel Approach in the Synthesis of Bioactive Hydrogels 83-104
  Soheila Abbasi, Fariba Esmaeili, Fatemeh Zahara Ghazavi

- Zinc-enriched probiotic yeasts: A novel strategy in biofortification to improve human nutrition and animal feed 105-128
  Maedeh Hajkazemian, Masumeh Sadat Shahidi Rizi, Maryam Jalili Tabaii