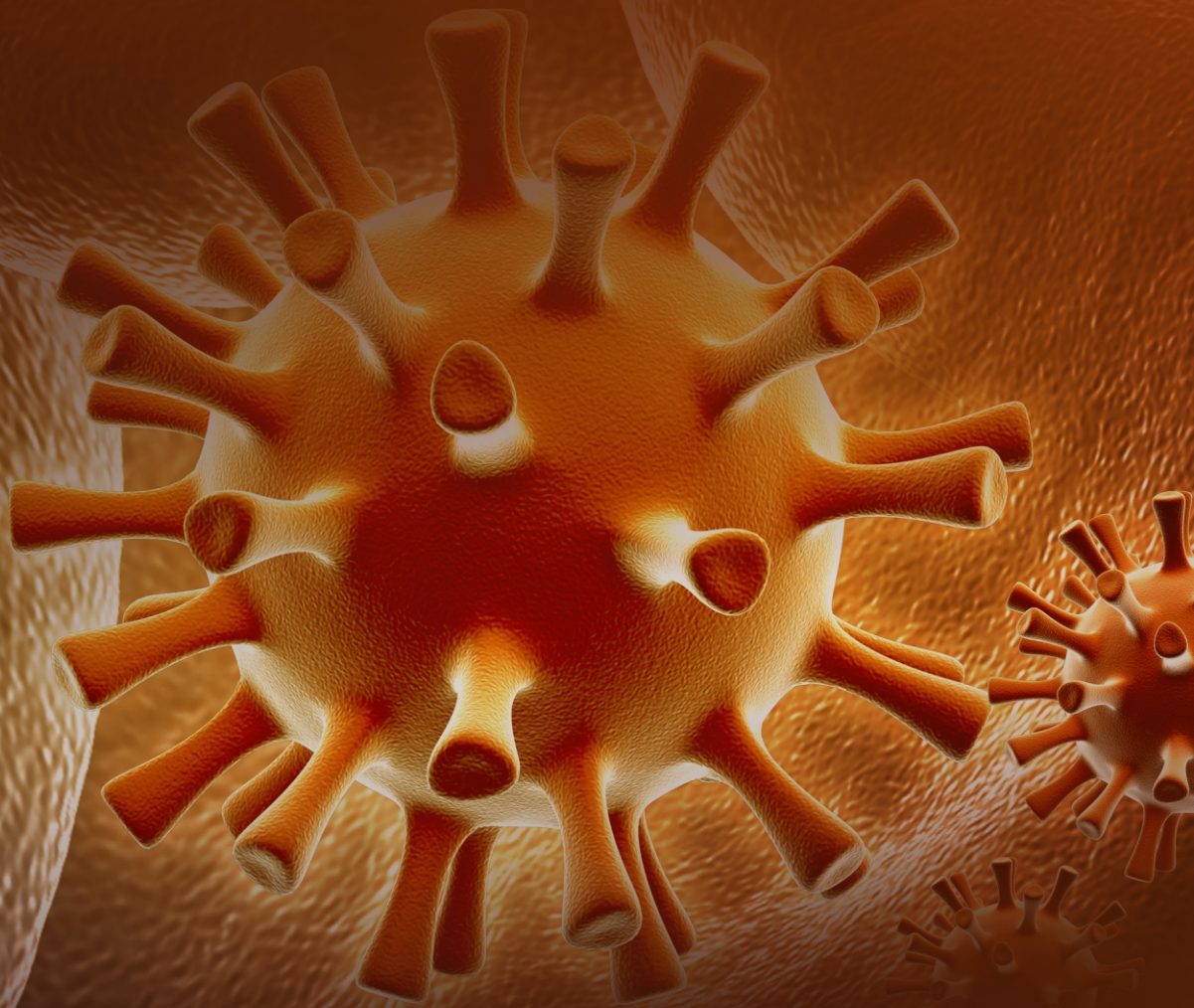


ISSN: 2165-3402 Volume 14, Number 11, November 2024



Advances in Microbiology



ISSN: 2165-3402



<https://www.scirp.org/journal/aim>

Journal Editorial Board

ISSN Print: 2165-3402 ISSN Online: 2165-3410

<https://www.scirp.org/journal/aim>

Associate Editors-in-Chief

Dr. Thaddeus Chukwuemeka Ezeji
Dr. Chang-Hui Shen

The Ohio State University & OARDC, USA
University of New York (CUNY), USA

Editorial Board

Prof. Iqbal Ahmad
Prof. Roberto Arenas
Dr. Kayanush (Kai) J. Aryana
Prof. Andrei L. Barkovskii
Dr. Payam Behzadi
Prof. Frans J. de Bruijn
Prof. Sang Ho Choi
Prof. Madhusudan Choudhary
Dr. Mohamed O. Elasri
Prof. Daniel Y. C. Fung
Prof. Gamil Sayed Gamil Zeedan
Prof. Elisabeth Grohmann
Dr. Kaisa Haukka
Prof. Ming-Liang He
Prof. Carlos A. Jerez
Prof. Diniz Pereira Leite Junior
Dr. Zvi Kelman
Prof. Mohiuddin Md. Taimur Khan
Prof. Yanbin Li
Dr. Yingguang Liu
Dr. Pamela A. Marshall
Prof. Abdul Matin
Prof. James Gordon Mitchell
Dr. Xiaozhen Mou
Prof. Saleh A. Naser
Dr. Masoumeh Navidinia

Prof. Michele K. Nishiguchi
Prof. Heui-Dong Park
Dr. Germán Eduardo Piñas
Prof. Ales Prokop
Prof. Alexander Rapoport
Dr. Jyotisna Saxena
Dr. Maulin Pramod Shah
Prof. Abdelaal Shamseldin
Dr. Jun Sun
Prof. Michael K. Watters
Dr. Jing Xu
Prof. Zhongtang Yu
Prof. Olga Zaborina
Dr. Zhe Zhang

Aligarh Muslim University, India
Chief of the Mycology Section at “Dr. Manuel Gea González” General Hospital, Mexico
Louisiana State University, USA
Georgia College & State University, USA
Islamic Azad University, Iran
INRA/CNRS Laboratory of the Interaction Plant-Microorganisms, France
Seoul National University, South Korea
Department of Biological Sciences, Sam Houston State University, USA
The University of Southern Mississippi, USA
Kansas State University, USA
National Research Centre, Egypt
University of Freiburg, Germany
University of Helsinki, Finland
City University of Hong Kong, China
University of Chile, Chile
Adolfo Lutz Institute, Center for Parasitology and Mycology, Brazil
University of Maryland, USA
University of New Mexico, USA
University of Arkansas, USA
Liberty University, USA
Arizona State University, USA
Faculty of Natural and Health Sciences, University of Baltistan, Pakistan
Flinders University, Australia
Kent State University, USA
University of Central Florida, USA
Department of Laboratory Sciences, School of Allied Medical Sciences, Shahid Beheshti
University of Medical Sciences, Iran
New Mexico State University, USA
Kyungpook National University, South Korea
University of Utah, USA
Vanderbilt University, USA
University of Latvia, Latvia
The Ohio State University, USA
Industrial Waste Water Research Laboratory, India
Genetic Engineering and Biotechnology Research Institute, Egypt
Rush University, USA
Valparaiso University, USA
Northwestern University, USA
The Ohio State University, USA
University of Chicago, USA
Zhejiang University, China

Table of Contents

Volume 14 Number 11

November 2024

**Study of the Multidrug Resistance of Enterobacteria Isolated from Waters and Tilapia
Fishes from Fish Farms in the Sud-Comoé Region, Côte d'Ivoire**

A. S. Wognin, A. C. Toulé, A. E. N'guessan, N. M. Koné, N. Kouadio-Guessennd567

**Resistance Profile of Urogenital Mycoplasmas to Antibiotics: Comparative Study between
the Mycoplasma IST2 and Mycoplasma IST3**

L. Akono, C. Gueguim, M. J. M. Sipewa, S. D. O. Assiene, M. N. Fezeu, L. P. Eboa,
C. R. Ayangma, L. H. E. Sone578

Advances in Microbiology (AiM)

Journal Information

SUBSCRIPTIONS

The *Advances in Microbiology* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2024 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

Copyright for individual papers of the journal:

Copyright © 2024 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: aim@scirp.org



Advances in Microbiology

ISSN Print: 2165-3402 ISSN Online: 2165-3410

<https://www.scirp.org/journal/aim>

Advances in Microbiology (AiM) is an international journal dedicated to the latest advancement of Microbiology. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Microbiology.

Associate Editors-in-Chief

Dr. Thaddeus Chukwuemeka Ezeji
Dr. Chang-Hui Shen

The Ohio State University & OARDC, USA
University of New York (CUNY), USA

Editorial Board

Prof. Iqbal Ahmad
Prof. Roberto Arenas
Dr. Kayanush (Kai) J. Aryana
Prof. Andrei L. Barkovskii
Dr. Payam Behzadi
Prof. Frans J. de Bruijn
Prof. Sang Ho Choi
Prof. Madhusudan Choudhary
Dr. Mohamed O. Elasri
Prof. Daniel Y. C. Fung
Prof. Gamil Sayed Gamil Zeedan
Prof. Elisabeth Grohmann
Dr. Kaisa Haukka
Prof. Ming-Liang He

Prof. Carlos A. Jerez
Prof. Diniz Pereira Leite Junior
Dr. Zvi Kelman
Prof. Mohiuddin Md. Taimur Khan
Prof. Yanbin Li
Dr. Yingguang Liu
Dr. Pamela A. Marshall
Prof. Abdul Matin
Prof. James Gordon Mitchell
Dr. Xiaozhen Mou
Prof. Saleh A. Naser
Dr. Masoumeh Navidinia
Prof. Michele K. Nishiguchi
Prof. Heui-Dong Park

Dr. Germán Eduardo Piñas
Prof. Ales Prokop
Prof. Alexander Rapoport
Dr. Jyotisna Saxena
Dr. Maulin Pramod Shah
Prof. Abdelaal Shamseldin
Dr. Jun Sun
Prof. Michael K. Watters
Dr. Jing Xu
Prof. Zhongtang Yu
Prof. Olga Zaborina
Dr. Zhe Zhang

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Applied and Environmental Microbiology
- Bacteriology
- Microbial Taxonomy
- Microbiology and Biochemistry
- Microbiology and Ecology
- Microbiology and Genetics
- Microbiology and Immunology
- Microbiology and Physiology
- Mycology
- Other Disciplines of Microbiology

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Website and E-Mail

<https://www.scirp.org/journal/aim>

E-mail: aim@scirp.org