Special Issue

Breaking the Code of Antibiotic Resistance

Message from the Guest Editors

Antimicrobial resistance is one of the most serious threats facing society today. Without urgent action, we are heading for a post-antibiotic era, where minor injuries will be fatal, and many medical procedures will no longer be feasible. To facilitate new antimicrobial drug discovery as well as to hamper the development and dissemination of resistance, a better understanding of the mechanisms of drug resistance is essential. In this Special Issue, we invite you to submit a review or original research article on a topic that would contribute to our understanding of antimicrobial resistance mechanisms, and would provide insight into how to prevent the development and dissemination of antimicrobial resistant microorganisms.

Guest Editors

Prof. Dr. Henrietta Venter School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, Australia

Dr. Liping Li Department of Molecular Sciences, Macquarie University, North Ryde, NSW, Australia

Deadline for manuscript submissions

closed (30 June 2021)



Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/38369

Microorganisms Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 microorganisms@mdpi.com

mdpi.com/journal/ microorganisms





Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



microorganisms



About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).