Special Issue

Virulence and Antimicrobial Resistance of Microorganisms in Wastewater Environments

Message from the Guest Editor

This Special Issue welcomes original research articles, reviews, short reports, and comments on the Virulence and Antimicrobial Resistance of Microorganisms in Wastewater Environments. Possible themes include, but are not limited to: existing challenges in AMR control via wastewater treatment, state-of-the-art ARB identification technologies, ARG-pathogen host relationship, risk modelling, standardised protocols for AMR testing, virulence factors in ARB, biocide resistance, the contribution of manure and the aquatic environment to the antibiotic resistance reservoir.

Guest Editor

Dr. Grațiela Grădișteanu

1. Research Institute of the University of Bucharest (ICUB) Life, Environmental and Earth Sciences, Bucharest, Romania
2. Faculty of Biology, Department of Microbiology and Botany, University of Bucharest, Bucharest, Romania

Deadline for manuscript submissions

closed (15 March 2025)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/154299

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

mdpi.com/journal/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).

MDPI