Special Issue

Marine Microorganisms and Ecology, 2nd Edition

Message from the Guest Editor

Marine microorganisms play a key role in shaping marine ecosystems and have a profound impact on global biogeochemical cycles. As the foundation of marine food webs, these tiny but powerful organisms form the basis of life in oceans. The collection of articles presented in this Special Issue provides a comprehensive overview of cutting-edge research in this field. It explores the diversity and distribution of marine microorganisms, including bacteria, archaea, algae, viruses, and protozoa, as well as their interactions with each other and the surrounding environment. Advanced molecular techniques and innovative sampling methods have opened up new opportunities for advancement, allowing researchers to unearth novel species and understand their ecological functions

Guest Editor

Prof. Dr. Darrell Jay Grimes Department of Coastal Sciences, The University of Southern Mississippi, Ocean Springs, MS 39564, USA

Deadline for manuscript submissions

closed (31 July 2025)



Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/229628

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).