Special Issue

Aquatic Microorganisms and Their Application in Aquaculture

Message from the Guest Editor

Currently, an increasing number of studies are seeking to research and apply microbe-based technologies to support the sustainable development of modern aquaculture; the application and administration of microorganisms, including probiotic strains, mainly includes three aspects: removing pollution and improving water quality, supplementing nutrients and promoting production performance, and improving health and preventing diseases in cultured species. This Special Issue will cover research on the role of aquatic microorganisms and their application in aquaculture. Both original research articles and reviews are welcome. Potential topics include but are not limited to the following: the diversity and function of microorganisms in aquaculture systems; the monitoring and management of microorganisms in aquaculture systems; microorganisms as aquafeed ingredients and functional additives for aquaculture; and probiotic bacteria and algae as biological control agents in aquaculture.

Guest Editor

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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.

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

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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).

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