Special Issue

Microbes in Aquaculture

Message from the Guest Editor

Aquaculture is among the fastest-growing sectors in global food production, playing a pivotal role in addressing the increasing demand for sustainable protein sources. However, the industry is confronted with numerous challenges, including disease outbreaks, environmental degradation, and the need for more efficient feed utilization. In this context, microorganisms serve critical and multifaceted functions in aquaculture systems. Microbes not only support the health and growth of aquatic species but also enhance the sustainability and resilience of aquaculture ecosystems.This Special Issue welcomes contributions that explore the diverse roles of microbes in aquaculture. We encourage research on how microbial communities contribute to pathogen management, nutrient cycling, water quality, and overall system health. Submissions focusing on microbial interventions, and their applications in disease control, environmental sustainability, and feed efficiency, are especially welcome. By gathering innovative research, this Special Issue aims to address critical challenges in aquaculture and highlight the potential of microbial innovations for securing sustainable global food production.

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.

Editor-in-Chief

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