Special Issue

Microbial Ecology and Sustainable Aquaculture

Message from the Guest Editor

Globally, aquaculture provides more than half of the consumed fish and has been the fastest-growing protein-producing industry. However, the sector's growth must not come at the expense of the environment: hence, innovative practices are still needed to improve aquaculture sustainability. Recent advances in genomics and bioinformatics have begun unraveling microbial communities' role in animal production. In aquaculture, microbes determine the water guality and contribute to the cultured organisms' nutrition, growth, and health. The interplay between water parameters, the health of the cultured animal, and the presence of pathogens are vital for maintaining water quality, preventing disease, and improving output. This Special Issue of Microorganisms plans to collect recent research on microbial ecology and sustainable aquaculture. Original research articles and comprehensive reviews that cover aquatic microbes, microbial diversity, host-microbe interactions, and aquaculture sustainability are welcome.

Guest Editor

Dr. Lior Guttman Israel Oceanographic and Limnological Research, The National Center for Mariculture, Eilat 8811201, Israel

Deadline for manuscript submissions

closed (15 June 2024)



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

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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

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

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