



Holobionts in Aquaculture

Guest Editor:

Dr. Diego Valenzuela-Miranda

Management of Renewable
Aquatic Resources, Universidad
de Concepción, Concepción,
Chile

Deadline for manuscript
submissions:

15 August 2024

Message from the Guest Editor

The term holobiont has been adopted to describe multicellular organisms and their associated microbiota as a single unit, recognizing the pivotal role of microorganisms in host biology. Thus, understanding aquaculture species from the holobiont perspective could provide new insights and solutions for the present and future issues affecting the industry. This Special Issue aims to bring together cutting-edge research into the understanding of the microbiota and its relevance for aquaculture species, including, but not limited to, the characterization of microbiota dynamics in aquaculture species, experimental manipulations of host microbiota, and the relevance of microbiota in environmental adaptation of aquatic species, among others.

By fostering collaboration among researchers in microbiology, immunology, and aquaculture. The findings will contribute to the development of sustainable practices and ensure the health and productivity of aquaculture environments.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology (medical)*)

Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI