

# Special Issue

## Pathogens and Aquaculture: 2nd Edition

### Message from the Guest Editors

Aquaculture, the cultivation of aquatic organisms, plays a vital role in meeting the growing demand for seafood worldwide. However, the intensification and expansion of aquaculture systems have raised concerns about the emergence and spread of diseases among cultured species. Diseases in aquaculture are often caused by various pathogens, including bacteria, viruses, and parasites, which can lead to significant economic losses and environmental impacts. Therefore, ensuring the sustainability of aquaculture practices requires effective prevention and control measures. Microorganisms, including beneficial bacteria and probiotics, can also be employed as biocontrol agents to maintain a balanced microbial community and enhance the overall health of cultured organisms. By employing robust biosecurity measures, monitoring for early detection of diseases, and embracing sustainable practices, aquaculture can continue to meet the increasing demand for seafood while minimizing the risks associated with diseases and promoting environmental stewardship.

---

### Guest Editors

#### Dr. Godoy Marcos

Laboratorio de Biotecnología Aplicada, Facultad de Ciencias Naturales, Escuela de Medicina Veterinaria, Sede de la Patagonia, Puerto Montt 5480000, Chile

#### Prof. Dr. Juan Pablo Pontigo

Laboratorio de Biotecnología Aplicada, Facultad de Ciencias Naturales, Escuela de Medicina Veterinaria, Sede de la Patagonia, Puerto Montt 5480000, Chile

---

### Deadline for manuscript submissions

28 February 2026



## Microorganisms

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2

CiteScore 7.7

Indexed in PubMed



[mdpi.com/si/225951](http://mdpi.com/si/225951)

*Microorganisms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[microorganisms@mdpi.com](mailto:microorganisms@mdpi.com)

[mdpi.com/journal/  
microorganisms](http://mdpi.com/journal/microorganisms)





## Microorganisms

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed

---



[mdpi.com/journal/  
microorganisms](http://mdpi.com/journal/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 as 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 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).

