

Special Issue

Microbiology and Food Safety

Message from the Guest Editor

Foodborne pathogens are introduced to humans via the consuming of contaminated food, causing illness, hospitalization, and even death. Foodborne outbreaks have been a constant threat, with a significant burden on public health, requiring continuous monitoring, regulation, and preventive measures for individuals and communities. This Special Issue encompasses all related food safety issues, including the following:

- Surveillance of and epidemiology studies on foodborne pathogens during food production and distribution;
- Understanding the contamination pathway through biofilm formation, survival, and growth on specific food products to mitigate cross-contamination risks;
- Advancements in the development of specific and sensitive detection strategies as well as their applications in the food production process;
- Effective intervention strategies for the prevention and inhibition of foodborne outbreaks.

We welcome original research articles, research notes, and review articles on any specific foodborne pathogens that can cause human illnesses through contaminated food.

Guest Editor

Dr. Ok-Kyung Koo

Department of Food Science and Technology, Chungnam National University, Daejeon, Republic of Korea

Deadline for manuscript submissions

closed (15 April 2024)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/176108

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

[mdpi.com/journal/
microorganisms](https://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](https://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 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

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 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).