

# Special Issue

## Foodborne Pathogens: Infections and Pathogenesis of Microorganisms (Second Edition)

### Message from the Guest Editors

We are serving as the for this Special Issue on **Foodborne Pathogens** and, given your expertise in the field, we are personally inviting you to contribute with a research article or review paper related to this topic. This Special Issue will mainly focus on:

- Microbiological hazards in food and water: bacteria, viruses, parasites and fungi;
- Foodborne toxigenic agents;
- Pathogenic potential of foodborne agents and impact on human health;
- Pathogenicity models;
- Host-pathogen interactions;
- Molecular and cellular mechanisms of infection;
- Virulence factors and their regulation in the host;
- Role of gut microbiota in the control of foodborne infection;
- Biofilm formation and the outcome of foodborne infections;
- Antimicrobial resistance in foodborne bacteria;
- Food safety: Control of foodborne pathogens

### Guest Editors

Dr. Mónica Oleastro

Department of Infectious Diseases, National Institute of Health Dr Ricardo Jorge, 1649-016 Lisbon, Portugal

Dr. Ana Botelho

National Institute for Agrarian and Veterinary Research, Oeiras, Portugal

### Deadline for manuscript submissions

closed (31 December 2024)



**Microorganisms**

an Open Access Journal  
by MDPI

**Impact Factor 4.2**  
**CiteScore 7.7**  
**Indexed in PubMed**



[mdpi.com/si/183413](https://mdpi.com/si/183413)

*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](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).