



## Foodborne Bacteria–Host Interactions

Guest Editors:

### Prof. Dr. Maja Abram

Department of Microbiology and Parasitology, Faculty of Medicine, and Clinical Hospital Centre Rijeka, University of Rijeka, Rijeka, Croatia

### Dr. Anja Klančnik

Department of Food Microbiology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions:

**closed (28 February 2022)**

### Message from the Guest Editors

Dear Colleagues,

Foodborne diseases can be highlighted as one of the most important health problems in recent decades. Food contamination can occur at any stage of the farm-to-consumer continuum from environmental, animal, or human sources, causing foodborne illnesses that are a global public health problem and affect an estimated 600 million people annually. Pathogen–host interaction addresses the understanding of (i) host–species interaction with insights into molecular pathogenesis, evolution of pathogenic microbes and the potential of pathogens to cross the species barrier to infect new hosts; and (ii) mechanisms by which pathogenic bacteria communicate with other microorganisms and interact with the host, which is critical for the application of innovative control strategies.

As Guest Editors of this Special Issue, we invite you to submit research articles, review articles, and short communications related to foodborne bacteria–host interactions, in particular topics such as pathogenesis, virulence factors, physiology, gene regulation, and immune response.

Prof. Maja Abram  
Prof. Anja Klančnik  
*Guest Editors*





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*)

## Contact Us

---

*Microorganisms* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/microorganisms  
microorganisms@mdpi.com  
X@Micro\_MDPI