

Special Issue

Novel Approaches for Controlling and Analyzing Microorganisms in Foods

Message from the Guest Editor

Food safety has emerged as a significant concern in society. The complexity of the food supply chain has increased, as have food safety issues and the emergence of pathogenic microorganisms. Ensuring food safety and quality relies on a comprehensive understanding of microorganisms and their interactions within food ecosystems. We invite authors to contribute with original research articles and reviews that showcase cutting-edge research on innovative strategies for the control and analysis of microorganisms in foods. We welcome submissions on a range of topics, including:

- Emerging technologies for detection of microorganisms in the food supply chain.
- Innovative approaches for controlling foodborne pathogens and spoilage organisms.
- Applications of nano and biotechnology in the analysis and control of microorganisms.
- Antimicrobial strategies using natural compounds and bioactive substances.
- Computational methods for predicting and analyzing microbial behavior in foods.
- The impact of environmental factors on microbial growth and survival in food environments.
- Challenges and opportunities in the field of food safety and quality assurance.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).