

Special Issue

Detection, Control, Risk Assessment, and Prevention of Foodborne Microorganisms

Message from the Guest Editors

Despite the efforts made by governments and industry in recent decades, enteric foodborne diseases continue being a public health problem worldwide, significantly contributing to the total disease and mortality burden. According to The European Union One Health 2019 Zoonoses Report, the incidence of *Campylobacter* and *Salmonella* illness cases in humans remained stable, while *Escherichia coli* (STEC) infection cases increased from 2015 to 2019. In a new era of food safety, underpinned by a risk-based approach, omics data and quantitative tools are the most promising assets to combat enteric foodborne diseases.

This Special Issue is seeking original manuscripts covering novel approaches for the detection, control, and prevention of enteric foodborne microorganisms. Papers combining quantitative and molecular methods applied to the study of emergence and reemergence foodborne pathogens are particularly welcome. We also invite works that deploy a quantitative risk assessment approach, based on computational tools, to examine existing microbial food safety problems in more depth.

Guest Editors

Prof. Dr. Fernando Pérez-Rodríguez

Department of Food Science and Technology, Faculty of Veterinary, Agrifood Campus of International Excellence (ceiA3), University of Córdoba, 14014 Córdoba, Spain

Dr. Arícia Possas

Department of Food Science and Technology, Faculty of Veterinary, Agrifood Campus of International Excellence (ceiA3), University of Córdoba, 14014 Córdoba, Spain

Deadline for manuscript submissions

closed (20 September 2023)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/100203

Foods

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

mdpi.com/journal/

[foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Rapid Publication:

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).