

## Special Issue

# Molecular Detection and Characterization of Foodborne Bacterial Pathogens

### Message from the Guest Editor

The aim of this Special Issue of *Foods* is to present the state of the art of molecular methods used for the detection and characterization of foodborne bacterial pathogens. Although conventional microbial control techniques are currently significantly employed, their major drawbacks are mainly related to the long time they require and their limited accuracy. In recent years there has been a strong and increasing demand for high-quality molecular methods for the detection and characterization of *Listeria monocytogenes*, *Yersinia enterocolitica*, *Salmonella spp.*, *E.coli* STEC, *Campylobacter*, *Vibrio parahaemolyticus* and *Vibrio cholerae*. This has led to the development of several modern and innovative molecular methods of foodborne pathogen control in food processing. Original and review papers dealing with all aspects of the “Molecular Detection and Characterization of Foodborne Bacterial Pathogens” are welcome for inclusion in this Special Issue of *Foods*.

---

### Guest Editor

Prof. Dr. Domenico Meloni  
Department of Veterinary Medicine, University of Sassari, Sassari, Italy

---

### Deadline for manuscript submissions

closed (30 September 2022)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.0  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/110320](https://mdpi.com/si/110320)

*Foods*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

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





# Foods

an Open Access Journal  
by MDPI

Impact Factor 6.0  
CiteScore 10.3  
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 14.8 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 2026).