



foods



an Open Access Journal by MDPI

Molecular Detection and Characterization of Foodborne Bacterial Pathogens

Guest Editor:

Prof. Dr. Domenico Meloni

Department of Veterinary
Medicine, University of Sassari,
Sassari, Italy

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

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*.

Prof. Dr. Domenico Meloni
Guest Editor



mdpi.com/si/110320

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

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

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

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.

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](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

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

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://www.instagram.com/Foods_MDPI)