



foods



an Open Access Journal by MDPI

Foodborne Pathogens and Food Safety

Guest Editors:

Dr. Antonio Afonso Lourenco

Teagasc Food Res Ctr, Moorepk,
Fermoy, Cork, Ireland

Dr. Catherine Burgess

Teagasc Food Research Centre,
Ashtown, Dublin, Ireland

Dr. Timothy Ells

Agriculture and Agri-Food
Canada, Kentville Research and
Development Centre, Kentville,
NS, Canada

Deadline for manuscript
submissions:

closed (10 February 2022)

Message from the Guest Editors

Foodborne pathogens represent a major burden on society as they are the cause of high numbers of illnesses, hospitalizations, and deaths each year. In addition to their detrimental impact on human health, these microorganisms, which include pathogenic bacteria, viruses, fungi, and a range of parasites, also represent a significant economic cost to food companies in the implementation and constant oversight of food hygiene and safety programs, product recalls, and potential litigation if outbreaks occur. Advancing our current knowledge of the food processing chain and its vulnerabilities to the many factors related to foodborne pathogens (e.g., their stress response, survival and persistence in processing environments, acquisition of virulence factors and antimicrobial drug resistance) is paramount to the development of effective strategies for early detection and control of pathogens, thereby improving food safety.

This Special Issue welcomes original research articles contributing to a better understanding of the impact of all aspects of foodborne pathogens on food safety.



mdpi.com/si/47625

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 & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
X@Foods_MDPI