



foods



an Open Access Journal by MDPI

The Survival Mechanisms and Control Methods of Salmonella in Foods

Guest Editors:

Dr. Shoukui He

Department of Food Science and Technology, School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai 200240, China

Dr. Sinisa Vidovic

The New Zealand Institute for Plant and Food Research Limited, 1025 Auckland, New Zealand

Dr. Lin Chen

School of Chemistry, Chemical Engineering and Biotechnology, Nanyang Technological University, Singapore 637459, Singapore

Message from the Guest Editors

Dear colleagues,

Non-typhoidal *Salmonella* (hereafter *Salmonella*) is a leading foodborne pathogen, causing 93.8 million cases of gastroenteritis and 155,000 deaths globally each year. This pathogen can survive many physical and chemical treatments commonly employed in the food industry, thus compromising food safety. As such, it is crucial to explore the survival behaviors and mechanisms of *Salmonella* under food processing and preservation conditions. On the other hand, it is essential to develop novel antibacterial alternatives that possess excellent anti-*Salmonella* activity and a low capacity to induce bacterial resistance. Doing so, we can better prevent and control *Salmonella* in foods. We cordially invite submissions on the aforementioned topics to build a comprehensive body of knowledge to ensure food safety associated with *Salmonella*.

Deadline for manuscript submissions:

10 December 2024



mdpi.com/si/205417

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://twitter.com/Foods_MDPI)