



foods



an Open Access Journal by MDPI

Advances in Foodborne Pathogen Analysis

Guest Editors:

Prof. Dr. Arun K. Bhunia

Prof. Dr. Bledar Bisha

Dr. Andrew G. Gehring

**Prof. Dr. Byron F. Brehm-
Stecher**

Deadline for manuscript
submissions:

closed (15 June 2020)

Message from the Guest Editors

This Special Issue will showcase contributions ranging from novel sample preparative techniques for the selective, rapid, efficient, and/or quantitative recovery and concentration of targeted bacterial analytes to the development and/or improvement of rapid biosensor-based detection and/or identification platforms (e.g., PCR, phage, immunoassays, optical imaging, luminescence, strip assays, flow cytometry, etc.). A further challenge is the determination of live vs. dead organisms. Advances in this field are expected to impact the food production/testing industry and regulatory agencies alike.

Original and review papers dealing with all aspects of “Advances in Foodborne Pathogen Analysis” are welcome for inclusion in this Special Issue. Reports will focus on the following areas: development and/or improvement of rapid methods for the detection and/or identification of foodborne pathogens (methods, reagents, instrumentation); sample preparation techniques for the rapid and quantitative concentration of targeted microbes in food matrices; new approaches for determining or characterizing pathogen activity, metabolic state or viability.



mdpi.com/si/20039

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)