



foods



an Open Access Journal by MDPI

Application of Biosensors on the Detection of Food Contaminants and Toxins

Guest Editor:

Prof. Dr. Xianlong Zhang

College of Food Science,
Northeast Agricultural University,
Harbin 150030, China

Deadline for manuscript
submissions:

15 August 2024

Message from the Guest Editor

Dear Colleagues,

Food safety is a major issue because of the prevalence of food contaminants, toxins, and other potentially harmful substances. Therefore, the development of rapid and effective detection methods is essential to ensure food safety. Recently, biosensors have been increasingly applied in food safety analysis due to their advantages of simple operation, fast response, and portability. Emerging biosensors (such as optical and electrochemical) integrated with portable detection devices may provide a promising tool for on-site detection of food contaminants and toxins.

This Special Issue aims to collect high-quality research focusing on the latest advances and biosensing technologies for food safety detection. We encourage the submission of original high-quality research papers and comprehensive reviews related to the applications of biosensors in the detection of food contaminants and toxins.



mdpi.com/si/198442

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)