Special Issue

Research on Isolation and Intelligent Detection Methods of Foodborne Pathogens

Message from the Guest Editors

Foodborne illnesses pose a significant threat worldwide to public health. According to the U.S. Food and Drug Administration in 2017, there are about 48 million reported cases of foodborne diseases in the United States annually. Foodborne pathogens are the main reason for the wide spread of these infectious diseases. Bacteria at low concentrations are hard to detect; however, only a low dose of bacterial pathogens in food can pose a serious, widespread threat to human health, and also cause serious economic losses. Moreover, the majority of bacteria can rapidly proliferate with the rich nutrients in foods. Therefore, the recognition, high efficient isolation, and high sensitive detection of foodborne pathogens in food by intelligent detection methods are critical and urgently required to protect the health of consumers, avoid foodborne illnesses, and contribute to food safety. Research and review articles that explore these areas are welcomed.

Guest Editors

Prof. Dr. Jianlong Wang
College of Food Science and Engineering, Northwest A&F University, Xianyang, China

Dr. Daohong Zhang
College of Food Science and Engineering, Northwest A&F University, Xianyang, Shaanxi, China

Deadline for manuscript submissions

closed (30 November 2021)

Foods

About the Journal

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.

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

Author Benefits

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))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).