

Special Issue

Advance of Rapid Analysis Technology for Detecting Food Contaminants

Message from the Guest Editors

Unsafe food containing deleterious chemicals and pathogenic microorganisms is responsible for foodborne diseases that affects millions every year. Increased awareness and concerns about food safety has skyrocketed the development of novel and rapid technologies for detecting contamination. *In loco* quality evaluation and assurance of agrifoods for the processing industries and fresh market or even for curious consumers has also driven technological advancements. Conventional methods are apparently less expensive and simple but can be laborious and time consuming. Therefore, rapid methods offering higher sensitivity and specificity, while reducing human errors are necessary to overcome the limitations of conventional approaches. From single analysis to multi-residue methods, from chemical to microbiological evaluations, this Special Issue entitled “Advance of Rapid Analysis Technology for Detecting Food Contaminants” aims to assemble the most innovative research in the field of food safety.

Guest Editors

Dr. Rebeca Cruz

LAQV/REQUIMTE, Laboratory of Bromatology and Hydrology, Faculty of Pharmacy, University of Porto, Rua de Jorge Viterbo Ferreira, 228, 4050-313 Porto, Portugal

Dr. Susana Casal

REQUIMTE, Laboratory of Bromatology and Hydrology, Faculty of Pharmacy, University of Porto, Porto, Portugal

Deadline for manuscript submissions

closed (28 February 2022)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/79724

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 10.3
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/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 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, 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 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).