

## Special Issue

# Advances in Analytical Techniques for Food Quality and Safety

### Message from the Guest Editors

Food safety and food nutrition are two important aspects of food. Chemical contaminants, including pesticides, veterinary drugs, mycotoxins, persistent organic pollutants (POPs), and heavy metal ions, are important factors affecting food safety. Meanwhile, with the widespread concern for nutrition and health, functional bioactive ingredients in food are receiving more and more attention. Hence, with increasing research into food safety and nutrition, the development of advanced technological methods to detect chemical contaminants and emerging bioactive compounds is critical. These needs have prompted researchers concerned with food safety and nutrition to develop advanced analytical techniques. With this Special Issue, we hope to present recent developments in using novel technologies/nanomaterials to monitor/remove chemical contaminants and extract/determinate bioactive compounds in food, exploring the molecular mechanism of contaminants/bioactives in food, and indicating the relationship between targets and food safety/dietary health to promote the health risk assessment of chemical contaminants and to make full use of functional substances in food.

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### Guest Editors

Prof. Dr. Donghui Xu

Dr. Guangyang Liu

Prof. Dr. Yongxin She

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### Deadline for manuscript submissions

closed (25 December 2024)



## Foods

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## 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.

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### Editor-in-Chief

Prof. Dr. Arun K. Bhunia  
Department of Food Science, Department of Comparative Pathobiology  
(Courtesy), Purdue University, West Lafayette, IN, USA

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