







an Open Access Journal by MDPI

# **Trace Elements in Food: Nutritional and Safety Issues**

Guest Editors:

# Prof. Dr. Cristina Couto

### Prof. Dr. Elisa Keating

1. Department of Biomedicine— Unit of Biochemistry, Faculty of Medicine, University of Porto, Al. Prof. Hernâni Monteiro, 4200-319 Porto, Portugal 2. CINTESIS@RISE, Faculty of Medicine, University of Porto, 4200-319 Porto, Portugal

Deadline for manuscript submissions:

13 September 2024

**Message from the Guest Editors** 

# **Highlights**

- The introduction of new analytical techniques enhances the knowledge of ultra-trace elements in both food and food packaging;
- Trace element speciation is becoming fundamental for a better knowledge on nutritional and safety issues;
- Food data on TE provides the tools for legislators to set maximum acceptable limits for certain relevant species.

Dear Colleagues,

This Special Issue aims to gather research studies for a comprehensive coverage of all aspects related to nutritional and safety concerns, such as a safe range of daily intakes, availability, food supplements, food stability, packaging, metallic nanoparticles, etc. We invite you to submit original papers that will contribute to potential topics including (but not limited to) sample preparation and analytical techniques for trace and ultra-trace determination, availability studies, speciation and regulatory requirements in food sectors, health safety and human biomonitoring.







IMPACT FACTOR 4.7





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**