



foods



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.



mdpi.com/si/200457

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

Department of Food Science,
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)