

Special Issue

Elements in Food: Detection, Bioaccessibility and Food Fortification

Message from the Guest Editors

This Special Issue welcomes original research papers, review articles, and methodological studies covering, but not limited to, the following topics:

Elemental Analysis Techniques: novel methods for the accurate detection and quantification of essential and toxic elements in various food matrices.

Bioaccessibility Studies: investigations on the bioavailability and bioaccessibility of elements in different food sources and their implications on human health.

Nutritional Impact: studies highlighting the role of elements in food and their impact on human nutrition and well-being.

Food Fortification Strategies: research on the development and assessment of fortified foods to combat micronutrient deficiencies and improve public health.

Toxicity and Safety: assessments of potential hazards associated with excessive intake of certain elements in food and strategies to mitigate risks.

Dietary Guidelines: contributions discussing the incorporation of elemental components in dietary guidelines and recommendations.

Guest Editors

Prof. Dr. Béla Kovács

Faculty of Agriculture, Food Science and Environmental Management
Institute of Food Science, University of Debrecen, 4032 Debrecen,
Hungary

Dr. Kshirod K. Dash

Department of Food Processing Technology, Ghani Khan Choudhury
Institute of Engineering & Technology (GKCIET), Malda, India

Deadline for manuscript submissions



Foods

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/182223

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 6.0
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 14.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2026).