

Special Issue

Plant Extracts: From Extract Technology to Health Benefits—Volume II

Message from the Guest Editor

The extraction of plant-specialized metabolites remains a challenge today. Indeed, the recovery of bioactive compounds from by-products deriving from agri-food chains fits the concept of environmental sustainability and circular economy. For this reason, optimizing extraction processes based on green technologies, characterized by low energy consumption, represents the goal of developing large-scale methods to be implemented at an industrial level. This topical issue regards the validation of the functional activity of extracts on specific experimental models that account for the poor bioavailability and structural changes of these compounds, which is also due to the modulation of gut microbiota. Thus, this study on the biological effects of in vivo bio-transformed metabolites could represent another important advancement in the knowledge of the mechanisms of action triggered by these compounds.

Guest Editor

Prof. Dr. Zheng Ruan

State Key Laboratory of Food Science and Technology, Nanchang Key Laboratory of Fruits and Vegetables Nutrition and Processing, Institute of Nutrition and School of Food Science, Nanchang University, Nanchang 330047, China

Deadline for manuscript submissions

closed (31 March 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/186545

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 8.7
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 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).