

Special Issue

Bioactive Compounds: Their Role in Human Health and Disease Through Bioaccessibility and Bioavailability

Message from the Guest Editors

We are inviting researchers to submit contributions to this Special Issue entitled: “Bioactive Compounds: Their Role in Human Health and Disease Through Bioaccessibility and Bioavailability”. Human health is intimately linked to the dietary consumption of nutrients. We invite researchers to submit original research articles, reviews, and short communications that explore the effects and/or mechanisms of bioactive compounds using various approaches, including in vivo studies and clinical trials, as well as ex vivo and in vitro models. Relevant topics include, but are not limited to, the following:

- The role of bioactive compounds in health and disease linked to inflammation and oxidative stress.
- Interactions between dietary bioactive compounds and gut microbiota.
- The health-promoting properties of functional foods and food matrices.
- Molecular mechanisms of bioavailability and the absorption of bioactive compounds.
- Novel methodologies for measuring and enhancing the bioaccessibility and bioavailability of bioactive compounds.

Guest Editors

Dr. Vinicius Cruzat

Dr. Sunil K. Panchal

Dr. Borkwei Ed Nignpense

Prof. Dr. Lindsay Brown

Deadline for manuscript submissions

closed (1 August 2025)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/221418

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).