

Special Issue

Molecular Insights into Food-Derived Natural Products and Their Biological Activities—2nd Edition

Message from the Guest Editor

Consumer demand, industry advancements, and rapid social development are driving the interest in natural products. The increasing recognition of the importance of plant-based therapies, food ingredients, and good health has led to the emergence of research fields such as nutrigenomics and proteomics. This Special Issue will focus on the role of food-derived bioactives in health and disease, and we encourage reviews, original articles, and communications covering molecular studies. Special attention will be paid to the protective and therapeutic mechanisms of food bioactive molecules in tumors, metabolic diseases, cardiovascular diseases, neuroinflammation, neurodegenerative diseases, etc. Potential topics include, but are not limited to, the following:

- Molecular studies of food antioxidants, antioxidants/antioxidants; the role of isoflavones, astaxanthin and resveratrol in diseases and anti-aging;
- The metabolic pathways and mechanisms of the bioactive compounds in food in the human body;
- Nutrigenomics in preventive medicine;
- The effects of bioactive compounds in food on the human microbiome.

Guest Editor

Dr. Yanfang Li

Department of Chemistry and Biochemistry, Ohio University, Athens, OH 45701, USA

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cimb@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Molecular Medicine, University of Otago,
Christchurch 8140, New Zealand

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PMC, PubMed, Embase, CAPlus / SciFinder, FSTA, AGRIS, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names are published annually in the journal.