

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

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Deadline for manuscript submissions

31 August 2025



Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 3.7
Indexed in PubMed



mdpi.com/si/217083

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Biology*
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Message from the Editor-in-Chief

Editor-in-Chief

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