

Special Issue

Effects of Functional Foods and Dietary Bioactives on Human Health

Message from the Guest Editors

The field of functional foods and dietary bioactives has a significant impact on our health and is rapidly evolving. This Special Issue, seeks to highlight state-of-the-art research, critical reviews. Key topics to be explored in this Special Issue include, but are not limited to, the following:

- The discovery and isolation of new functional foods and dietary bioactives and the elucidation of their chemical structure.
- Bioactive compound characterization and their mechanisms of action.
- Their therapeutic potential as nutraceuticals and pharmacological evaluation.
- The synthesis and semi-synthesis of some of the natural or dietary product derivatives and their role as leads in health improvement discovery.
- Technological advancements in dietary phytochemical discovery, product research, regulatory and safety evaluations, and comprehensive reviews and case studies on specific classes of functional foods and dietary bioactives.

We invite you to contribute your unpublished, original, and high-quality research on this topic and its related challenges.

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/204413

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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