

Special Issue

Unveiling the Applications of Bioactive Compounds in Functional Foods for Optimal Human Health—2nd Edition

Message from the Guest Editors

Following the success of [1st Edition](#), which explored the health benefits of bioactive compounds in functional foods, the 2nd Edition will continue to delve deeper into this important field. This volume will focus on the following key topics:

- Profiling of Bioactive Compounds: Detailed analysis of the biochemical components found in functional foods.
- Pharmacological Properties: Investigation of the antioxidant, anti-inflammatory, and other beneficial effects of bioactive compounds.
- Therapeutic Applications: Exploring the use of bioactive ingredients in experimental models for disease prevention and health promotion.
- Preclinical Studies: New insights from preclinical research on the effects of bioactive compounds in functional foods.

Through this issue, we aim to continue advancing the understanding of functional foods and their role in promoting overall well-being and reducing the risk of chronic diseases.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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