

Special Issue

Plant Bioactive Compounds and Its Potential as a Functional Food Ingredient

Message from the Guest Editor

The concept of functional food encapsulates the interdisciplinary principles of food science, nutrition, pharmacology, and biology, offering a comprehensive solution for health.

The burgeoning functional food market is a testament to the escalating consumer interest in these products and a pivot towards natural, health-advancing options. The journey of functional foods from the research lab to the marketplace is fraught with challenges, such as ensuring the stability and bioavailability of bioactive compounds, fostering consumer acceptance and trust, elucidating the dose–response dynamics of active ingredients, understanding the structure–function relationships that underpin their health-promoting effects, and providing more experimental evidence from animal studies, molecular biology, and human clinical trials.

Functional foods have great potential in the field of nutrition as well as in plant bioactive compounds and bioactive microorganisms, signifying a frontier of innovation with profound implications for public health.

Guest Editor

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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.

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