

Special Issue

Natural Bioactive Compounds: Extraction, Function and Application Research in Food

Message from the Guest Editors

Natural bioactive compounds, including phenolic compounds, flavonoid, carotenoids, and alkaloids, are derived from plants and have been extensively studied for their significant health-promoting effects. These compounds are known for their antioxidant, anti-inflammatory, antimicrobial, and anticancer properties. Consumer awareness of the benefits of natural compounds has been steadily increasing. In recent years, the rising demand for products enriched with natural functional compounds has promoted the development of innovative extraction strategies for the efficient recovery of valuable compounds from plant raw material, enabling their use as ingredients in functional foods designed to prevent disease and promote overall health. The continued exploration and incorporation of these plant-based bioactive compounds into modern products reflects a growing trend toward healthier and more sustainable consumption. In this Special Issue, we invite you to contribute your latest research findings, including original articles or comprehensive reviews, on the discovery, recovery and potential application of natural bioactive compounds for the development of healthy food.

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About the Journal

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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