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Analysis and Possible Utilization of Food Bioactive Compounds

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Deadline for manuscript submissions:

closed (20 June 2024)

Message from the Guest Editors

Food bioactive compounds (FBCs) are naturally occurring molecules in food that have the potential to positively impact human health, including antioxidant, anti-inflammatory, anticancer, antiviral, antimicrobial, antithrombotic, and cardiovascular-protective properties. These benefits have been associated with various secondary metabolites, such as polyphenols, glucosinolates, carotenoids, terpenoids, alkaloids, saponins, vitamins, and fatty acids. In this Special Issue, we welcome studies on the potential health benefits of bioactive compounds supported by scientific evidence and the possible new effects of known FBCs. We also encourage manuscripts analyzing FBCs with innovative strategies, involving various techniques such as high-resolution mass spectrometry (HRMS), liquid chromatography (LC), gas chromatography (GC), ultraviolet-visible spectrophotometry (UV-Vis), capillary electrophoresis (CE), nuclear magnetic resonance (NMR), and enzyme-linked immunosorbent assays (ELISAs) to identify, quantify, and characterize these compounds in food samples, as well as the improvement of the current methodologies of FBC analysis.



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Special Issue



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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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