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Separation and Identification of Natural Antioxidant Extracts in Foods

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Message from the Guest Editors

Dear Colleagues,

A variety of extraction techniques, when combined with sustainable solvents, offer rapid and efficient separation of diverse antioxidant compounds from various biomass sources, particularly in the realm of food science. Concerning the identification stage, analytical methods such as chromatography (e.g., HPLC, GC), spectrophotometry and mass spectrometry play pivotal roles in properly isolating and characterizing compounds. These techniques enable researchers to explore the potential of antioxidants for enhancing the nutritional value and health benefits of food products.

For this Special issue, we invite front-line researchers and authors to share their original work, review articles or scientific interpretations focused on the separation and identification of natural antioxidant extracts in foods, including, but not limited to, the extraction and isolation of microbial and plant-derived natural antioxidants; extraction methods for natural antioxidants; green technologies (or solvents) for antioxidant recovery; antioxidants as natural additives for food preservation and implementation of natural antioxidants in the food sector.



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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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