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Natural Antioxidants: Innovative Extraction and Application in Foods

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Message from the Guest Editors

Research has devoted great attention to the study of the biological properties of plants, animal products, microorganisms, marine species, and fungi, among others, often driven by the need to discover new medicines. Many times, in order to enhance biological activities, extracts are prepared. One of the most well studied biological activities is antioxidant capacity, related to anticancer and anti-ageing properties, the improvement of immune function, and protection against cardiovascular diseases and neurological disorders. Moreover, in foods, antioxidants allow for delayed oxidation onset and enhancing food shelf life.

The effects of some food additives on human health are controversial, and synthetic food additives are often associated with potential public health risk. Therefore, there is a tendency towards substituting synthetic food additives with natural compounds.

This Special Issue focuses on the application of innovative extraction techniques for the recovery of natural antioxidants from foods, and their possible application in food industries.



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Special Issue



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Message from the Editor-in-Chief

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