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Plant Extracts as Functional Food Ingredients

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submissions:

closed (10 March 2024)

Message from the Guest Editors

Plant extracts have been revealed as a good sources of phytochemicals and to play a remarkable role in the maintenance of human health, as they influence various metabolic processes. These effects result from the abundance of valuable compounds belonging to groups such polyphenols, carotenoids, chlorophylls, tocopherols and tocotrienols, fatty acids, terpenes, polysaccharides and complexes of compounds. The extraction processes of these compounds are conditioned by their chemical nature, and can be modified by various factors in order to increase their effectiveness (and, if possible, improve environmental safety). Therefore, we kindly invite you to submit your latest findings devoted on all aspects of extracts from plant sources as functional food ingredients. Contributions to this Special Issue may cover all aspects of the development and optimization of new extraction procedures, the analysis of the composition and properties of extracts (e.g., antioxidative potential, in vivo studies). We also welcome studies on the application of plant extracts in the enrichment of foods with functional compounds and the improvement of food properties (e.g., shelf life).



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Special Issue



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Message from the Editor-in-Chief

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