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Dietary Polyphenols in Foods

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Polyphenols are extremely important compounds in the composition of foods. Among their properties of interest are their antioxidant capacity, antimicrobial activity, anti-inflammatory action and inhibition or modulation of metabolic pathways, among others. These properties are correlated with the numerous health benefits derived from the consumption of foods rich in polyphenols. The presence of polyphenols in food also provides greater oxidative stability and contributes to sensory properties.

Research on polyphenols in food is extremely important and is growing significantly each year. In this sense, we invite researchers to submit works for this Special Issue on the characterization and quantification of polyphenols in foods; the use of by-products as sources of polyphenols; advances in the determination of phenolic compounds in foods; sustainable techniques for obtaining extracts rich in phenolic compounds; metabolism of polyphenols during the digestive process; mechanisms of action of polyphenols in diseases; and innovative ingredients and products based on phenolic compounds.

Prof. Dr. Cristiano Ballus
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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