

Special Issue

Phenolic Compounds from Novel Natural Sources and Fermented Foods

Message from the Guest Editors

Antioxidants comprise a heterogeneous group of bioactive compounds providing numerous benefits to human health, playing a pivotal role especially against oxidative stress and other health-associated disorders. To this end, the extraction and analysis of plant-derived antioxidants has been the topic of intensive research. Phenolic compounds, especially flavonoids, constitute the most studied category, while special focus has been given on their extraction from aerial parts of various plant-derived matrices. This Special Issue targets the extraction, production, and analysis of antioxidants, with special emphasis on phenolic compounds derived either from unconventional plant sources or via fermentation of foods or food byproducts. Contributions addressing the bioactive potential of under-investigated plant matrices, such as roots and underground organs, are highly encouraged. Moreover, studies dealing with fermentation as a process of enhancing the phenolic content and functionality of fermented food products and by-products (either through release or biotransformation of existing phenolic compounds) are also in line with the scope of this Special Issue.

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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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