



Antioxidant Compounds of Plants Materials: From Extraction to Applications

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Message from the Guest Editors

There is growing interest in the study of bioactive compounds from plant materials (e.g. fruits, vegetables, flowers, cereals, pulses, leaves, herbs, trees, among others), which display a wide range of therapeutic properties, due to their antioxidant activity. The first step in applying these antioxidant compounds to foods, cosmetics, and pharmaceuticals is to extract them.

The extraction conditions may not be the same for different plant materials since they are influenced by several parameters, such as the chemical nature of the sample, the method and solvent used, the agitation, the extraction time, the solute/solvent ratio, and the temperature. For this reason, many studies have been carried out to increase the knowledge of this field and optimize the recovery of natural antioxidant compounds from plants.

We invite you to submit your latest research findings or review articles for this Special Issue, which will collect current research on antioxidant compounds recovered from plants and their potential application in foods, cosmetics, and pharmaceuticals.

If you have any questions, please do not hesitate to contact us. We look forward to hearing from you.





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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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