



The Potential of Dietary Antioxidants

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Message from the Guest Editors

Dietary antioxidants have high potential to act as nutraceuticals and drugs for the prevention or treatment of many chronic diseases, such as cardiovascular diseases, cancers, Alzheimer's disease, and diabetes.

Antioxidants are used as food additives to extend the shelf life of products by retarding adulteration of oxidizable foods (e.g., lipid oxidation) as well as in food packaging to prevent the discoloration of vegetables and fruits. They are also being applied in a new exciting cosmetic market: the nutricosmeceutical market.

This Special Issue of Antioxidants aims to collect research articles and review papers dealing with the potential uses of dietary antioxidants in food, cosmetic, and pharmaceutical applications. In particular, the following topics are of interest: the study of genetically modified foods with high antioxidant potential, the use of agricultural practices to increase the concentration of antioxidant compounds in food, analytical procedures to isolate compounds of interest, the evaluation of their health properties, toxicological aspects related to antioxidant abuse, and the development of targeted delivery systems.





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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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