



Antioxidant Potential in Medicinal Plants

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Message from the Guest Editors

Dear Colleagues,

Nature hides real wealth when it comes to medicinal plants. The use of medicinal plants has been known since ancient times when societies were conscious of the well-being accomplished by medicinal plants and their products. Today, the use of medicinal plants continues expanding after the recognition of phytochemicals present in them. This Special Issue provides a thorough overview of the latest research regarding medicinal plants that have a wide variety of antioxidative agents ranging from alkaloids, terpenes, polyphenols, carotenoids, and vitamins. Antioxidants reduce oxidative stress in cells and are, thus, practical in treating many human diseases, including cancer, cardiovascular diseases, and inflammatory diseases. Owing to the fact that the phytochemical profile of medicinal plants is strongly affected by the plant species' chemotypes, climate and environmental conditions, collection and storage conditions, etc., the evaluation of the antioxidant properties of medicinal plants and their products is necessary.





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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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