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Phytochemical Antioxidants and Health

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Message from the Guest Editor

Free radical-induced oxidative damage is involved with various human. Antioxidants are substances that delay or inhibit oxidative damage when present in small quantities compared to an oxidizable substrate. It is recognised that the health effects of natural products including food and herbal medicines are generally associated with antioxidative activities or free radical scavenging properties of phytochemicals.

We invite you to contribute your latest research findings or a review article to this Special Issue, which will bring together current research concerning and critical thinking on phytochemical antioxidants and the role that antioxidants can play in reducing oxidative stress in various disease status. Your contribution can include either in vitro or in vivo studies relating to any of the following topics: Antioxidative activities of phytochemicals; molecular mechanisms of phytochemical antioxidants in disease prevention; and the role of phytochemicals or antioxidants in signaling, cell metabolism, cell cycle, cellular stress, and chronic diseases.



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Special Issue



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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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