



Natural Antioxidants: Advances and Opportunities for Healthy and Sustainable Food Systems

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Message from the Guest Editors

Today, consumers have increased demand for products containing natural functional compounds with health-promoting properties. A significant shift toward the use of natural functional compounds will involve the development and production of healthy and environmentally sustainable food systems. Antioxidants are the most studied functional compounds with regard to the health promoting and protecting properties. Many epidemiological, pre-clinical and clinical studies advocate a positive correlation between their consumption and the prevention or reduced progression of chronic diseases. Oxidative stress is an important factor in the aetiology of these diseases, and naturally occurring antioxidants modulate the risk of chronic disease development by inhibiting reactions mediated by reactive oxygen species. In this Special Issue, we invite you to share your latest research advances, or review articles, on the exploration and possible applications of natural antioxidants for the development of sustainable food 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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