



Phytochemicals as Modulators of Oxidative Stress-Dependent, Inflammatory Conditions

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Message from the Guest Editors

Inflammation is a beneficial host response to foreign challenges or tissue injury, ultimately leading to the restoration of tissue structure and function. While the maintenance of physiological levels of oxidants is essential for life processes, an excessive oxidant challenge eventually starts signaling events involved in the development of a wide range of inflammatory conditions.

The aim of this Special Issue is to bring together updated research on the modulation of oxidative stress-dependent inflammatory conditions by phytochemicals, both in vitro and in vivo. Moreover, studies on synergistic interactions between phytochemicals, interplay with pharmaceuticals, structure–activity relationships, and matrix and new delivery systems impact will also be considered. The molecular components within complex mixtures, responsible for the observed effects, should be identified and characterized. Authors are invited to submit manuscripts both in the form of original research and review articles.





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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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