



New Insights into Antioxidants Properties of Agri-Food Compounds for Therapeutic and Prophylactic Applications

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Message from the Guest Editors

Dear Colleagues,

Food is necessary to sustain life; here, it is important to note that the quality and type of food we consume and the interactions of food with our body physiology can tip the balance between health and illness. Oxygen is another requirement for life, but it is also the source for oxygen free radicals. Under normal physiology, the body is able to reduce oxygen-free radicals through its antioxidant defense system. However, when overwhelmed, external recruitment of antioxidants is necessary to rebalance this intricate equilibrium. Food contains a variety of antioxidants, and studies have demonstrated that these compounds are indeed absorbed by the body.

In this Special Issue, we aim to highlight experimental or clinical research that studies or reviews the potential contribution of antioxidant properties of agri-food to management or prevention of acute or chronic diseases and thus the health and wellbeing of global citizens. Studies conducted using novel foods containing known bioactive compounds will be welcome.

Deadline for manuscript
submissions:

closed (30 November 2022)



mdpi.com/si/80733

Special Issue



an Open Access Journal by MDPI

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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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