Special Issue

Oxidative Damage in Korean Medicine

Message from the Guest Editor

Reactive oxygen species (ROS), where the main free radicals are framed, are highly reactive molecules that are constantly produced in biological reactions, whose excess is usually neutralized by a battery of defense mechanisms of the living organisms. Depleted antioxidant defenses or overproduction of ROS can lead to oxidative stress, increasing the likelihood of damage to biological macromolecules. This damage is implicated in the severity of chronic diseases and, in that situation, dietary antioxidants gain special importance. Currently, many researchers are working to develop treatments for the disease through modernizing Donguibogam and scientific evidence. In particular, research on the applicability of antioxidant and antiaging effects is being conducted intensively. Therefore, scientific research on antioxidants in Korean medicine or Korean herbal medicine is currently of great interest. This Special Issue will focus on both observational, molecular, and mechanistic studies investigating the impact of upregulating antioxidant effects toward health recovery and treatment of diseases using Korean medicine.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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