

Special Issue

Flavonoids and Chronic Diseases - 2nd Edition

Message from the Guest Editors

We invite you to contribute to a Special Issue of *Antioxidants*, “Flavonoids and Chronic Diseases II”. Flavonoids belong to polyphenols and are widely distributed in nature, such as fruits, vegetables, and tea. More than 9000 different flavonoid compounds have been described in plants, which play an important biological role by influencing various developmental processes. It is well known that flavonoids have antioxidative, anti-inflammatory, and anticarcinogenic effects in in vivo and in vitro studies. Nevertheless, we must continuously discover the effects of individual compounds or food extracts rich in flavonoids throughout various evidence levels such as in vivo, epidemiology, clinical trials, and systemic reviews. As a dietary component, flavonoids are thought to have health-promoting properties due to their high antioxidant capacity in both in vivo and in vitro systems. Flavonoids have the ability to induce human protective enzyme systems. A number of studies have suggested the protective effects of flavonoids against many infectious and degenerative diseases, such as cardiovascular diseases, cancers, and other age-related diseases.

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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.

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