



Women's Special Issue Series: Antioxidants in Human Health

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Message from the Guest Editors

Oxidative stress, the overproduction of reactive oxygen species (ROS), is considered to be one of the main contributing factors for the onset and progression of many human diseases, including cancer, cardiovascular disease, neurodegenerative diseases including various heritable retinal degenerations and age-related macular degeneration, for example, as well as aging in general.

A diverse range of contributing factors can cause oxidative stress and ROS production, such as mitochondrial function, inflammation, ionizing and non-ionizing radiation, smoking, pollution and even emotional stress.

Dietary antioxidants, such as vitamins, minerals, and phytochemicals, which are abundant in a variety of human foods, can react with ROS and other reactive species, and thus, help to prevent the onset of such diseases and may even slow the aging process.

This Special Issue “Antioxidants in Human Health” is part of the “Women’s Special Issue Series” and aims to promote, support and encourage the contributions of women in research into antioxidants in human health and related fields.

We welcome submissions from all authors, irrespective of gender.





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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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