

Special Issue

Oxidative Stress and Inflammation in Health and Diseases

Message from the Guest Editor

Recent advances in medical science have revealed the impact of oxidative stress and inflammation on health disorders. In particular, aging and age-related diseases may deeply relate to the interaction between oxidative stress and inflammation. The interaction could start while the people still do not have any symptoms, and under predisease conditions, or after diagnosis. Therefore, treatments for suppressing oxidative stress and/or inflammation may have effects on suppressing the interaction, which preserves healthy conditions or prevent disease progression. Therefore, to elucidate the underlying pathogenesis and expected mechanisms of the treatments would be of value. In this Special Issue, we aim to collect both experimental research which clarifies the mechanisms which may help proceed to clinical application, and clinical research including interventional or observational studies which will stimulate the basic researchers to find topics for future research. Papers which promote the movement of “Bench to bedside, and bedside to bench” will be welcome.

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.

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