

Special Issue

Redox Homeostasis in Response to Exogenous Stimuli

Message from the Guest Editor

Oxidative stress has been implicated in the development and progression of chronic diseases, including cardiovascular diseases, neurodegenerative diseases, diabetes, and cancer. Exposure to exogenous stimuli such as environmental pollutants, tobacco smoke, alcohol, UV radiation, foods and drugs, ozone, as well as xenobiotics can impair body redox homeostasis and contribute to oxidative stress. Long-term exposure to pro-oxidants has harmful effects on biomolecules and can affect diverse cellular processes and functions. This Special Issue aims to bring together original research and review articles highlighting the impact of exogenous stimuli on redox homeostasis and biological relevance, and on the methodological approaches used to monitor the consequences of exogenous stimuli-induced oxidative stress. We look forward to your contribution.

Guest Editor

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Deadline for manuscript submissions

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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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