



Redox and Nitrosative Signaling and Stress

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Message from the Guest Editor

Redox/nitrosative signaling levels intervene in many human physiological adaptations and in many pathophysiological processes, leading to diseases such as cancer, neurodegenerative disease, lung disease, cardiovascular diseases, and ischemia/reperfusion injury. The main scope of the Special Issue is to reach a broad audience of scientists working in the field of redox biomedicine.

We invite you to submit your latest research findings or a review article to this Special Issue, which will bring together current research concerning redox and nitrosative signaling both in normal processes and diseased states. This research can include both in vitro and in vivo studies relating to any of the following topics, though not exclusively:

regulation of antioxidant enzymes;

redox dependent post-translational modifications of proteins;

role of redox state in cell metabolism, cell cycle, epigenetic regulation, cellular stress, and disease.

Studies on organ protection and organ toxicity are also welcome.





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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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