

Special Issue

Cellular Oxidative Stress

Message from the Guest Editors

We invite you to submit your valuable and latest research outcomes for publication in the Special Issue entitled "Cellular Oxidative Stress" for the journal *Antioxidants* (MDPI). This Special Issue will focus on the impact of oxidative stress at the cellular level, providing more knowledge about oxidative damage mechanisms on cells, their components (i.e., the plasma membrane and organelles) and molecules (i.e., DNA, RNA, signaling proteins, enzymes, and ion channels and transporters). Any of the following topics may be included: diseases related to oxidative stress, including, but not limited to neurodegenerative and inflammatory diseases and diabetes; aging; redox systems; role of cellular components in possible adaptive changes against oxidative stress; beneficial effect of natural and synthetic antioxidants. Research articles collecting data from both in vitro (e.g., cell cultures and erythrocytes) and in vivo (rodents model) investigations are welcome. In addition, review articles reporting about the mode of actions of oxidants and antioxidants would complete the topic. We look forward to your valuable contribution.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2020)



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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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