

Special Issue

Globin Associated Oxidative Stress

Message from the Guest Editor

The redox activity of members of the wide family of globins have important associations with the mechanisms of cell stress and stress response and can be key regulators of signaling molecules for a variety of processes. Globins may scavenge, generate, or sense reactive oxygen species (ROS) and reactive nitrogen species (RNS) as part of their physiological role. Globins inducing and propagating reactive ROS/RNS under pathological conditions have far reaching consequences in understanding the cellular responses to stress and in developing strategies to ameliorate their effects. For this Special Issue of *Antioxidants*, we invite researchers to contribute with original research and review articles that report on recent developments in the field of globin redox chemistry and in the understanding of globins with respect to their roles in redox biology under physiological and pathological conditions.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)



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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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