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Cellular and DNA Damage in Oxidative Stress Conditions: Cytoprotective and Genoprotective Potential of Antioxidant Molecules

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closed (15 June 2023)

Message from the Guest Editors

This Special Issue focuses on the cytoprotective and genoprotective roles of different antioxidant molecules in preventing disorders related to OS. Researchers are invited to contribute with original manuscripts, reviews and case reports on humans and animals, aiming to elucidate the mechanisms through which OS contribute to the development of several diseases and clarify the role of supplementation with antioxidant substances as a treatment. The topics of particular interest include the *in vivo* and *in vitro* effects of antioxidant exposure, the protective activity of different antioxidants in counteracting cell damage related to oxidative stress, antigenotoxic molecules for preventing DNA damage, the DNA-damage response following antioxidant treatment, and the development of new therapies for the treatment of disorders related to oxidative stress.



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Special Issue



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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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