



Role of Natural Antioxidants in Free Radical Biology and Human Health

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Message from the Guest Editors

The aim of this Special Issue is to present a series of research articles and reviews from a diverse group of the scientific community, sharing their research work on the role of natural antioxidants in free radical research and environmental toxicity associated with human health. This Special Issue will present various aspects of the recent progress in the field of plant-derived bioactive compounds, and their role as antioxidants and the clinical manifestations of various disorders. This issue will include cell signaling, various risk factors, mechanistic insights into metal and nanoparticle toxicity, neural toxicity, nongenotoxic carcinogenicity, immune and idiosyncratic toxicity, prevention, and biomarkers associated with free radical and antioxidant biology and their use in therapeutic strategies. In particular, this issue will provide valuable insights for researchers and clinicians with an interest in toxicological research and cellular impairments, with a special emphasis on therapeutic advancement through natural antioxidants.





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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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