

Special Issue

Antioxidants in Age-Related Diseases and Anti-Aging Strategies - 2nd Edition

Message from the Guest Editors

Aging is a complex process based on multiple mechanisms. It is a significant risk factor in the genesis and progression of non-communicable diseases affecting various tissues and systems. These diseases are the result of reduced cellular activities of protective stress-response pathways, and the accumulation of cellular damage, leading to oxidative stress and inflammation, major contributors to cellular senescence. Plant-origin foods have been revealed to diminish the risk of age-associated syndromes in animal models and humans. Nevertheless, more research is required to further identify specific dietary constituents or other antioxidant molecules, recognize their mechanisms of action and develop new anti-aging strategies. We cordially invite researchers in the field to contribute original research articles or reviews to this Special Issue of Antioxidants, aiming to identify the roles of antioxidant molecules in preventing age-related diseases and delaying aging, detect the mechanisms of action in preclinical studies or clinical trials, or pinpoint new natural antioxidant sources important for anti-aging strategies.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 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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