

Special Issue

Interplay of Microbiome and Oxidative Stress

Message from the Guest Editors

Microbiome and oxidative stress processes have a complex and multifaceted relationship and there is increasing evidence that the microbiome plays a crucial role in modulating oxidative stress, a discovery that can have significant implications for human health. Please submit your latest research findings (including in vitro and in vivo studies) or a review article to this Special Issue, which will bring together the latest research on the microbiome and its role in oxidative stress. Topics include, but are not limited to:

The mechanisms by which the microbiome influences redox processes or signaling; The impact of dysbiosis on oxidative stress in health and disease; The effect of the microbiome on antioxidant status; How the composition of the microbiome is affected by reactive species; How dysbiosis is associated with oxidative stress and inflammation; The inhibition and management of oxidative stress by the microbiome.

Guest Editors

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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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