



Oxidative Stress and Inflammation as Targets for Novel Preventive and Therapeutic Approaches in Non Communicable Diseases II

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Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editors

Non-communicable diseases (NCDs) are chronic diseases characterized by being of long duration and very slow progression. Inflammation, oxidative stress and dysregulated autophagy are common features in NCDs, and awareness is growing related to specific biomarkers of these features that can detail the pathogenesis and the evolution of the diseases, enable correct diagnosis and open up novel strategies of assessment and intervention. Due to the great interest that this topic has aroused, we propose Special Issue II, with the same aim of providing more insight into recent developments in the field.

Contributions of both reviews of the literature and original research articles are invited from investigators worldwide describing the role of oxidative stress and inflammation, their interplay with autophagy, as well as their modulation through signaling pathways by novel preventive and therapeutic strategies, including drug combination with natural active compounds, in cell culture systems and preclinical animal models.





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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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