



Oxidative Stress in Aging and Associated Chronic Diseases

Guest Editors:

Dr. Raquel Rodrigues-Diez

Dr. M^a Teresa Barrús Ortiz

Dr. Matilde Alique

Prof. Dr. Consuelo Borrás

Dr. Cristina Mas-Bargues

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Message from the Guest Editors

Aging and associated chronic disease incidence have been increasing in recent years. Although these pathological states are produced by several diverse causes, there is abundant evidence that oxidative stress plays a key role in the development and progression of both aging and chronic diseases.

Currently, numerous studies have focused their attention on elucidating the role of oxidative stress in the development and progression of aging and chronic disease. While many authors have focused on elucidating the underlying mechanisms and possible signaling pathways, others have attempted to find new therapeutic strategies to slow the development of aging and associated chronic diseases by decreasing oxidative stress.

We encourage scientists and clinicians to contribute with original articles describing novel mechanisms by which oxidative stress contributes to the development of chronic diseases or aging as well as new therapeutic strategies to treat or prevent this pathological status in which oxidative stress might be involved. Reviews that summarize recent findings in both basic and clinical research and discuss current outcome are also welcome.





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Editor-in-Chief

Prof. Dr. Alessandra Napolitano

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

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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Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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