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Paradoxical Oxidative Therapies in Chronic Oxidative Stress Diseases

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

Many publications indicated the importance of pro-oxidant/antioxidant balance at the level of cellular components and cellular metabolism involved in cell proliferation and adaptation. Such opposing effects are expected due to differences in temporal and spatial formation of reactive species. Both the correct use and dosage of chemical agents with pro-oxidant action are the basis of therapeutic approaches characterized by a paradoxical effect on the organism. The biochemical principles and the hormetic aspects in this regard are now defined.

We invite you to submit your latest research findings or a review article to this Special Issue which will bring together current research concerning oxidative eustress/distress balance of oxidative treatments such as intravenous hydrogen peroxide, intravenous high dose of ascorbate, hyperbaric oxygen therapy, and ozonated autohemotherapy. Epigenetics, translational research, and regenerative medicine, as well as personalized medicine are the main frames. Clinical contributions from veterinary practice are equally welcome.

We look forward to your contribution.



mdpi.com/si/65379

Special Issue



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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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