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Oxidative Stress, DNA Damage and Biological Clinical Effects

Guest Editor:

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Deadline for manuscript submissions:
closed (30 March 2020)

Message from the Guest Editor

The exposure of cells and organisms to oxidative stress is an everyday parameter built into their life and evolution for thousands or even millions of years. From simple cellular systems to complex biological systems like tissues or organs, it is important to know how each system responds to oxidative injury to DNA, proteins, or lipids.

Authors are invited to submit manuscripts dealing with the mechanisms or phenomena that can lead to any type of oxidative lesions in any biological system, or even methods papers. We live in the era of omics, therefore, teams working on this field by the means of bioinformatics and any type of omics are welcome. Groups working on natural antioxidants and on the role of nutrition in the overall oxidative stress status are also invited to contribute a research or review paper.

Last, but not least, intriguing questions have been raised over the last years related to the possible applications of all of the above knowledge in the clinic towards the cure or beneficial treatment of various diseases.

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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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