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10th Anniversary of Antioxidants—Aberrant and Signaling Oxidation of Biomolecules

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Message from the Guest Editors

The aim of the Special Issue is to collect research and review papers focusing on the damaging and signaling processes induced by oxidized proteins. Papers on the following topics, among others, are welcome: methodological papers on cutting edge analytical approaches for the identification, characterization, and quantification of oxidized biomolecules in different biological samples, including plant, animal and human specimens; OMICs approaches (genomic, proteomic, metabolomic, and lipidomic) to investigate the effect of oxidized biomolecules on cellular pathways; in vitro and in vivo studies on cell signaling evoked by oxidized biomolecules; cellular mechanisms for degradation and removal of oxidized proteins and their regulation; and oxidized biomolecules as drug target and medicinal chemistry approaches for their regulation.

Deadline for manuscript submissions:

closed (31 January 2023)



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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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