

Special Issue

Molecules and Mechanisms of Oxidative Stress Relevant in the Pathophysiology of Diseases

Message from the Guest Editor

As an imbalance in redox signalling, oxidative stress can negatively affect biological molecules and functions. Pathophysiology, as a response to biological and functional damage, involves the mechanisms underlying diseases because of alterations in cells, tissues, and organs. Here, we will study the involvement of oxidative stress in driving the processes that lead to disease manifestation, homeostatic responses to disease, and disease progression. We welcome contributions related to the pro-oxidant action of iron and/or oxygen, reactive oxygen species, antioxidants, inflammation, human disease, cell injury, and oxidative damage.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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