

Special Issue

Recent Perspectives on Oxidative Stress, Metabolic and Inflammatory Diseases

Message from the Guest Editors

The studies on the pathogenesis of various inflammatory and metabolic diseases in adults and children have evidenced a strong link among oxidative stress and inflammation. Mitochondria are the hub of cell redox homeostasis, since they are fundamental in ROS production and also serve as ROS targets. As a consequence, their dysfunction is involved in different aspects of the inflammatory process. This Special Issue is aimed at providing the reader with the most recent advances in the field, focusing on studies that evaluate novel aspects about the complex cellular and molecular mechanisms underlying metabolic and inflammatory diseases and the strategies for the identification of effective and innovative pharmacological treatments. Physicians, immunologists, biologists and pharmacologists are invited to contribute to this Special Issue by submitting papers that may be in the form of original studies, reviews, case studies and meta-analyses on this topic.

Guest Editors

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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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