

Special Issue

Oxidative Stress and Inflammation: From Mechanisms to Therapeutic Approaches (4th Edition)

Message from the Guest Editor

Oxidative stress and inflammation are two phenomena that are directly involved in practically all pathologies and especially in aging. However, they are not only involved in processes associated with damage. For instance, oxidative stress, which is associated with the redox state, constitutes an important mechanism in cell signaling and many physiological processes. Regarding inflammatory mediators, it is also known that they are essential in mechanisms such as the generation of gastric mucus for the protection of the stomach and the repair of tissues via the mobilization of stem cells. However, when these two phenomena are deregulated, their action is harmful. In this Special Issue, we ask ourselves several questions: How and when should we allow or block oxidative stress and inflammation? What is the advisable anti-inflammatory therapy associated with aging?

Guest Editor

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Deadline for manuscript submissions

31 March 2025



Biomedicines

an Open Access Journal
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CiteScore 5.2
Indexed in PubMed



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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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