

## 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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### Message from the Editor-in-Chief

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