



## Oxidative Stress and Inflammation in Non-communicable Diseases

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Deadline for manuscript  
submissions:

**closed (31 July 2025)**

### Message from the Guest Editors

Non-communicable diseases (NCDs) are among the leading causes of death worldwide. NCDs comprise a large spectrum of diseases, including cardiovascular, chronic respiratory and neurological diseases, cancer, diabetes, obesity-related conditions and even infertility. Although the etiology of NCDs is as diverse as the spectrum of diseases, a growing number of studies have verified that many of these diseases share common pathophysiological mechanisms. These studies underpin that mitochondrial alterations, oxidative stress and inflammation play key roles in the onset and development of NCDs. Therefore, the pharmacological or nutritional manipulation of oxidative and inflammatory processes and targets can prevent, improve or delay the progression of NCDs, which can eventually lead to a decrease in the mortality and morbidity associated to NCDs.

This Special Issue focuses on the current understanding and future research directions regarding the role of oxidative stress and inflammation in NCDs.





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## Message from the Editor-in-Chief

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