



Bioactive Substances, Oxidative Stress, and Inflammation

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Message from the Guest Editors

Chronic inflammation generates reactive oxygen species (ROS) that contribute to the pathogenesis of chronic non-communicable diseases (cancer, cardiovascular diseases, autoimmune diseases, and metabolic syndrome, among others).

Bioactive compounds, including polyphenols, vitamins, omega-3 fatty acids, organic acids, nucleosides and nucleotides, and phytosterols, have attracted significant attention due to their role in prevention and even treat pathologies involving oxidative stress and inflammation.

This Special Issue aims to discuss how bioactive compounds can ameliorate inflammation and oxidative stress. Authors are invited to submit original articles, reviews, systematic reviews, or meta-analyses for the identification of bioactive compounds with biological or clinical relevance in the processes of inflammation and oxidative stress in chronic non-communicable diseases.





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