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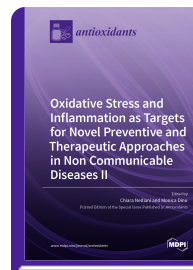
Special Issue Reprint

Oxidative Stress and Inflammation as Targets for Novel Preventive and Therapeutic Approaches in Non Communicable Diseases II

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Edited by
Chiara Nediani
Monica Dinu

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Non-communicable diseases are chronic non-infectious pathologies that represent the leading cause of death and disability for the general population. Oxidative stress and inflammation induce and modulate several signaling pathways that play a crucial role in the pathophysiology and progression of these diseases. Therefore, they represent a good target for the development of different therapeutic strategies and open new strategies for assessment and intervention.

This book focuses on different approaches to investigate the underlying pathogenesis and treatment mechanisms of conditions related to oxidative stress and inflammation. Particular attention is given to biomarkers specific to these features that can detail the pathogenesis and evolution of kidney disease, cardiovascular disease, obesity, breast cancer, and idiopathic pulmonary fibrosis. In addition, the potential medicinal and beneficial effects of plant compounds such as oleuropein, columbianadin, and rebaudioside A are addressed.



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