



## Targeting Oxidative Stress and Inflammation: Emerging Mechanisms and Therapeutics

Guest Editors:

**Dr. Hicham Wahnou**

Laboratory of Immunology and Biodiversity, Faculty of Sciences Ain Chock, Hassan II University, B.P 2693, Maarif, Casablanca 20100, Morocco

**Prof. Dr. Riad El Kebbaj**

Laboratory of Health Sciences and Technologies, Higher Institute of Health Sciences, Hassan First University, Settat 26000, Morocco

**Prof. Dr. Youness Limami**

Laboratory of Health Sciences and Technologies, Higher Institute of Health Sciences, Hassan First University of Settat, Settat, Morocco

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### Message from the Guest Editors

Dear Colleagues,

Oxidative stress and inflammation are intricately linked processes that play pivotal roles in the development and progression of a wide range of chronic diseases, including cardiovascular diseases, neurodegenerative disorders, cancer, diabetes, and autoimmune conditions. The equilibrium between oxidative stress and the body's antioxidant defense systems, along with the precise regulation of inflammatory pathways, is essential for maintaining physiological homeostasis. The disruption of this delicate balance often results in tissue damage and contributes significantly to the pathogenesis of various diseases.

This Special Issue seeks to consolidate cutting-edge research and comprehensive reviews that delve into the molecular mechanisms bridging oxidative stress and inflammation. We are particularly interested in studies that elucidate their roles in disease pathogenesis and explore innovative therapeutic strategies aimed at mitigating these processes...





## Editor-in-Chief

**Prof. Dr. Yehia Mechref**

Department of Chemistry and  
Biochemistry, Texas Tech  
University, Lubbock, TX 79409,  
USA

## Message from the Editor-in-Chief

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BioChem Editorial Office  
MDPI, Grosspeteranlage 5  
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