

Special Issue

Oxidative Stress and Inflammation in Chronic Diseases: What Can Nutrition Do?

Message from the Guest Editors

We are pleased to announce that we are organizing a new Special Issue whose goal is to compile evidence on how nutrition strategies can regulate oxidative stress and inflammation.

Oxidative stress, inflammation and health or disease status are inter-related with each other and with nutrition. Dietary constituents with remarkably high antioxidant and anti-inflammatory capacity include many plant-derived antioxidant compounds, phytochemicals such as carotenoids, polyphenols and many others. Several of these constituents can interact with transcription factors related to anti-inflammatory and antioxidant effects. This Special Issue aims to explore antioxidants/foods containing polyphenolic antioxidants capable of interfering with the molecular signaling pathways activated by oxidative stress, as well as their possible roles in chronic inflammation-mediated disorders.

We invite authors to submit review articles and original research describing the possible nutritional approaches/bioactive natural molecules and innovative interventions in the management of oxidative stress and inflammation in chronic diseases.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2025)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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