

Special Issue

Antioxidant and Anti-Inflammatory Activities of Phytochemicals

Message from the Guest Editors

Plant-derived bioactives, which are alternatively referred to as plant secondary metabolites, are widely distributed in nature with many possessing antioxidant and anti-inflammatory properties. At the biochemical and molecular level, these compounds act on cell signaling systems in cells and mediate cellular responses to stress. Each year, new molecules with interesting biological properties are identified, and new biological roles for previously characterized compounds are described. These molecules are of key importance to scientists with interests in improving the quality of foods, or as target molecules that are useful in drug development. Collectively, many of these compounds are promising drug candidates, potential functional food ingredients, useful targets in plant breeding programs, or simply chemical tools used to manipulate cell signaling networks. This Special Issue welcomes original research and reviews of literature on all aspects of antioxidant and anti-inflammatory phytochemicals that can be exploited in food sciences, pharmacology and human health.

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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