



The Role of Food-Derived Bioactive Compounds in Modulating Inflammasome

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Message from the Guest Editors

It is widely accepted that inflammation can be interpreted with a dual and bidirectional meaning, since it can be considered as both cause and consequence of several chronic diseases. In this sense, a large number of studies described the close relationship between systemic/tissue inflammation and onset/development of many pathological conditions, first and foremost cardiovascular and metabolic diseases.

In last decades, research in food-science, nutraceutical and nutrition fields widely described the numerous health-promoting effects of polyphenols, suggesting the importance of proper consumption of polyphenol-rich foods and/or nutraceutical supplementation in the management of several inflammatory-associated chronic diseases.

The present Special Issue welcomes the submission of papers either describing original research (*ex-vivo* and animal-based studies or clinical trials) or scientific literature reviewing (including narrative reviews, systematic reviews, meta-analyses and opinion papers) covering novel insights on the effects of polyphenols in modulating inflammation.





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