

Special Issue

Flavonoids and Other Polyphenols in Health and Disease

Message from the Guest Editors

In recent years, we observed a rise in the prevalence of non-communicable diseases such as cardiovascular diseases, cancer, and neurodegenerative diseases underlined by subclinical inflammation and oxidative stress. Certainly, a high intake of processed foods deprived from healthy nutrients like polyphenols played a role in the higher prevalence of chronic diseases. Therefore, the aim of this Special Issue is to increase evidence on the effects of polyphenols and polyphenol-rich foods on non-communicable diseases by improving our understanding of their beneficial mechanisms, which in turn may contribute to the development of novel therapies. We welcome the submission of original contributions, including experimental studies, clinical trials, and observational studies, as well as reviews of published literature exploring and summarizing the effect of polyphenol-rich foods, individual polyphenols, and their metabolites toward non-communicable diseases, including cardiovascular diseases, cancer, and neurodegenerative diseases.

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Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/65848

*International Journal of
Molecular Sciences*
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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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