

Special Issue

Bioactives and Nutraceuticals in Metabolic Syndrome II

Message from the Guest Editors

Metabolic syndrome is a group of metabolic abnormalities, such as insulin resistance, hypertension, dyslipidemia, and excess body fat around the waist that may occur in the same individual. Adults with metabolic syndrome present obesity-associated metabolic, oxidative and inflammatory disturbances. A better understanding of disease-associated metabolic pathway alterations may lead to the identification of new drugs and to the development of new therapies against metabolic abnormalities.

Natural products are a source of anti-inflammatory, antihypertensive, antioxidant, antithrombotic and antihyperglycaemic molecules, possibly useful in the treatment or prevention of metabolic disorders. These compounds could interact in humans with pleiotropic effects in a variety of tissues involved in stress response pathways, thus increasing the ingestion of dietary natural products could be helpful in the management of obesity-related diseases.

This Special Issue is a collection of research and review articles on the benefits of bioactives and nutraceuticals with a special interest in the “New Insights in Natural Compounds in the Management of the Metabolic Syndrome”.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*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.

Editor-in-Chief

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