Special Issue

Bioactive Molecules in Foods: From Sources to Functional Applications

Message from the Guest Editors

Food is a source of ingredients that provides the body with energy and affect its proper functioning. Many play a key role in regulating biochemical processes and exhibit many bioactive properties such as antioxidant, antidiabetic, antiobesity, or antimicrobial. Molecules from food may prevent diseases, including diseases of civilization such as hypertension, depression, obesity, or cancer. Moreover, food compounds may be used in food technology as ingredients that improve the quality and durability of food. Therefore, it is important to search for new sources of bioactive food ingredients and the possibility of their use in food production, diet, or dietary supplements. Bioactive food compounds may be obtained from plants, animals, or microorganisms, but nowadays there is a search for new or alternative sources of food with the “zero waste” principle. For this Special Issue on “Bioactive Molecules in Foods: From Sources to Functional Applications”, we welcome papers that provide information about the origin of food ingredients and their biological activity that can be used in nutrition or food products to improve the proper organism functioning.

Guest Editors

Dr. Anna Jakubczyk

Dr. Kamila Rybczyńska-Tkaczyk

Dr. Katarzyna Lisiecka

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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