Special Issue

Application of Biotechnological Techniques Aimed to Obtain Bioactive Compounds from Food Industry By-Products

Message from the Guest Editor

Because up to 42% of food waste is produced in household activities and 39% in the food manufacturing industry, the circular economy is focused on the revalorization of those food losses (low-cost raw materials). These "secondary raw materials" can be traded and shipped just like primary raw materials from traditional extractive resources, thus accentuating certain properties (nutritional, functional, antimicrobial, etc.) through different recycling systems such as green extraction methods, which make this byproduct treatment economically attractive to the food industry. Hence, the main topic of this Special Issue is directed towards the application of various biotechnological techniques that manage to transform and improve the obtaining of bioactive compounds so they can be revalued and so their valuable properties can be used in food and even nutraceuticals and cosmeceuticals. Short communications, original articles, and reviews are welcome.

Guest Editor

Dr. Jose Antonio Curiel

Research and Development of Functional Food Centre (CIDAF), Granada, Spain

Deadline for manuscript submissions

closed (31 July 2020)



Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/35751

Biomolecules
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

mdpi.com/journal/ biomolecules





Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.4
Indexed in PubMed



About the Journal

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.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Author Benefits

Open Access

 free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)

