Special Issue

Multi-Omic Approaches to Identify Bioactive Molecules in Foods

Message from the Guest Editor

Omics technologies provide a vast quantity of biological information pertaining to the molecular constituents of biological systems and their interactions, which help us to understand how such systems work. The application of high-throughput platforms has enabled researchers to accelerate the generation of biological knowledge, either at a basic level or with regard to application purposes. In foods, omics (genomics, transcriptomics, proteomics, metabolomics and others) are extremely valuable for identifying molecules with biological activity (either peptides, small metabolites, or any other type) and those that may play a role in human health. This Special Issue welcomes the submission of both research and review papers involving the application of single or multi-omic approaches aiming to identify bioactive molecules in any kind of food matrix, as well as bioinformatic tools that can be employed for the identification and characterization of such molecules. This is an important field that could be of high interest to various disciplines: health, agroindustry, and even social sciences.

Guest Editor

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Deadline for manuscript submissions

closed (24 March 2024)

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/180158

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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.

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