

Special Issue

Marine Natural Compounds with Biomedical Potential: 2nd Edition

Message from the Guest Editor

Marine organisms are an inexhaustible source of natural compounds that are promising for the creation of drugs or biologically active additives, which is closely related to the huge biological diversity of the resources of the World Ocean. The spectrum of biological activities shown by metabolites of marine origin is extremely wide; they exhibit antitumor, cancer-preventive, analgesic, antimicrobial, neuroprotective and other actions.

The use of "omix" technologies, such as metabolomics, genomics, proteomics, and venomics, makes it possible to ensure the scale and maximum efficiency of studying compounds of various origins with biomedical potential using a limited initial biomaterial. This opens up new possibilities for studying the structures and biological activities of new compounds, including complete metabolomes/transcriptomes and individual minor components of complex natural mixtures.

This Special Issue covers the role of marine organisms in biomolecule production, including screening extracts or isolating new metabolites and evaluating their biological activity.

Guest Editor

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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.

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