



Marine Natural Compounds with Biomedical Potential 2.0

Guest Editor:

Message from the Guest Editor

Dr. Elena Leychenko

G.B. Elyakov Pacific Institute of
Bioorganic Chemistry, Far
Eastern Branch, Russian
Academy of Sciences, 159, Pr. 100
let Vladivostoku, Vladivostok
690022, Russia

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.

Deadline for manuscript
submissions:

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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.





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Biomolecules Editorial Office
MDPI, St. Alban-Anlage 66
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