

Special Issue

Marine Natural Products Identified by Molecular Approaches and Human Disease

Message from the Guest Editors

The development of the genome sequencing technologies to find novel metabolites has certainly drawn the attention of pharmaceutical industries, which had by now lost interest in natural products due to the advent of combinatorial chemistry. The advent of genome-based sequencing techniques, especially with establishment of genome mining, has allowed us to obtain new natural drugs in a faster and cheaper way. Genome analysis has shed light on the presence of numerous biosynthetic gene clusters that could be involved in the synthesis of other secondary metabolites defined as cryptic or orphan for their unknown origin. In this Special Issue, contributions on marine natural products isolated by molecular approaches are welcome, with applications in pharmacological and nutraceutical fields able to solve human diseases. Papers only containing extraction data will not be accepted, because the focus should be on the chemical composition of ingredients and, more specifically, in describing their mechanism of action in improving human nutrition.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2022)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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