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Chemistry and Biomedical Potential of Marine Natural Products 2023

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Message from the Guest Editors

The development of natural marine products as drugs, which began in the late 1950s, saw a real renaissance in the early 21st century when, supported by modern biochemical approaches, numerous compounds from the sea entered the pharmaceutical market. Although the development of a drug from a natural substance is a lengthy process and a challenge for the scientific community, today, thanks to interdisciplinary approaches, it is possible to exploit through fast and bio-sustainable methods the enormous potential that the chemical diversity of natural marine compounds offers us.

In this light, this new Special Issue aims to collect new contributions on i) novel compounds isolated from marine invertebrates and associated organisms that have shown interesting biological and pharmacological properties, ii) new insights into the mechanism of action of known bioactive marine molecules, and iii) strategies for a sustainable exploitation of marine product derivatives.



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Special Issue



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