

Special Issue

Marine Phenolics: Extraction and Purification, Identification, Characterization and Applications 2022

Message from the Guest Editors

Due to the extreme conditions and complex habitats they live in, marine organisms have developed unique adaptation mechanisms that have significantly affected the biochemical nature of their primary and/or secondary metabolites. Consequently, marine organisms constitute a great reservoir of numerous bioactive compounds with great industrial and economical interest that do not exist anywhere else. Marine phenolics are a good example of such compounds. Some of these molecules present specific structural and biochemical features that cannot be found in land phenolics, granting them particular bioactive properties. In this context, this Special Issue aims to cover the recent breakthroughs on different aspects in the field of marine phenolics including, but not limited, to advances on extraction, purification and characterization techniques, chemistry and structural elucidation, biological properties and the mechanisms behind them, and technological innovations and development of novel value-added products. As, we would like to invite all interested authors to share their work on this topic and submit their contributions, either as original research or review articles.

Guest Editors

Dr. Marcelo D. Catarino

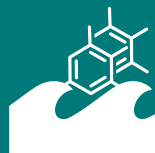
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About the Journal

Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

Prof. Dr. Bill J. Baker

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