

## Special Issue

# Development and Application of Marine-Sourced Anti-cancer and Cancer Pain Control Agents

### Message from the Guest Editor

The marine habitat is an unlimited source of bioactive molecules with unique chemical structures. Among these, compounds endowed with anticancer activity are of particular interest, because cancer remains one of the most challenging problems for human health. In addition, people with cancer commonly suffer from pain, whose pharmacological treatment is often associated with several side effects. Even if cancer and pain therapies have been considerably improved in the last decades, there is an urgent need to identify new bioactive compounds in order to obtain more efficacious and safe drugs for people living with cancer and cancer-related pain. For this Special Issue, we invite scientists from both academia and industry to publish their recent results on new anticancer and cancer pain control agents of marine origin. The Issue will cover all aspects of chemical and pharmaceutical relevance, such as extraction, identification, structure elucidation, total synthesis, structure–activity relationships, molecular modelling simulations, pharmacological and pharmacokinetics characterization of marine compounds.

### Guest Editor

Dr. Giuseppe La Regina

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### Deadline for manuscript submissions

closed (31 December 2020)



## Marine Drugs

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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.

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### Editor-in-Chief

Prof. Dr. Bill J. Baker

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