# Special Issue

# Identification and Characterization of Marine Natural Compounds Targeting Nuclear, Ionotropic, or Metabotropic Receptors

## Message from the Guest Editors

Marine natural products are an invaluable source of new leads in drug discovery due to their highly diverse molecular scaffolds and functional groups. So far, many natural bioactive compounds have been identified as modulators of nuclear receptors, including PPARs, RARs and RXRs, transmembrane receptors, such as GPCRs and those belonging to the TRP receptor-channel family. All these receptor classes represent relevant pharmacological targets for the treatment of a wide range of physio-pathological processes, including pain, inflammation, cancer, metabolic and neurological diseases. In this context, for this Special Issue, we aim to collect original research and review articles focused on the discovery of marine compounds active on these targets that are potentially useful for the treatment of the related pathologies. In vivo studies using vertebrate and/or invertebrate model organisms would be particularly appreciated.

## Guest Editors

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## Deadline for manuscript submissions

closed (20 March 2022)

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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

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