

Special Issue

Marine Natural Products with Anti-Prostate Cancer Activity

Message from the Guest Editors

Marine natural products (MNPs), displaying unique structural diversity and bioactivity, offer advantages over terrestrial compounds. Prostate cancer (PCa) is a leading cause of male cancer deaths, and resistance to conventional therapies highlights the need for novel treatments. MNPs show promising anti-PCa potential, providing structurally distinct compounds with targeted mechanisms. They may enable the development next-generation therapies, which can be administered alone or in combination with existing treatments. Translating MNPs into clinical use requires collaboration among chemists, biologists, and pharmacologists. This Special Issue will focus on advances in all aspects of MNPs for anti-PCa drug discovery, including the following aspects:

- Structurally new and anti-PCa bioactive MNPs;
- Predictive models of the structure and function of MNPs;
- The efficacy and pharmacological mechanisms of anti-PCa MNPs;
- Total synthesis, optimization, or biosynthesis of anti-PCa MNPs;
- Marine medicinal biological resource research.

Guest Editors

Dr. Bin Yang

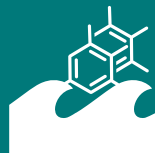
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About the Journal

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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