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Designing Therapeutic Nanoplatforms from Marine-Derived Materials

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Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Significant advances have been made in recent years towards the development of nanometric-based drug delivery systems. Nanotechnologies are steadily gaining a major role in the fight against many diseases, with their development increasingly linked to the discovery of new bioactive molecules of natural origin. The marine ecosystem is now considered a primary source of active biomolecules and biomaterials for the preparation of nanostructured systems, with a constantly growing number of research papers reporting the synthesis of nanoparticles starting from marine resources.

In this Special Issue, you are invited to submit high-quality research papers and reviews focused on the latest advances related to the design of therapeutic nanoplatforms using materials from marine origin intended for innovative biomedical applications and smart materials. We expect to receive contributions from different areas of multidisciplinary research, including—but not restricted to—the design of innovative nanomaterials, development of new formulation strategies, surface functionalization and characterization, biological properties, and potential new therapeutic applications.



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Special Issue



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Editor-in-Chief

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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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