

Special Issue

Frontiers in Marine Chitin

Message from the Guest Editor

Chitin is the second most important natural biopolymer in the world and has been identified in bacteria, fungi, plants, and marine invertebrates. Chitin is also found in the cell walls of many fungi and algae. However, chitin from marine sources has plenty of advantages over land animal sources: (1) environmentally friendly; (2) almost negligible presence of biological contaminants and toxins; (3) low inflammatory response; (4) less significant religious and ethical constraints; (5) minor regulatory and quality control problems; (6) metabolically compatible, and much more. It has many applications, for example, in medical (e.g., tissue regeneration, wound dressing, cancer treatment), environmental, and agricultural sectors. Chitin can also be enzymatically deacetylated to chitosan, a more flexible and soluble biopolymer, with a high potential for biomedical applications. As a of this Special Issue, I invite you to submit recent innovations of this biopolymer, including original work, reviews, short communications, and innovations on the biological sources and their promising applications.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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