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Marine Polysaccharides in Pharmaceutical Applications

Guest Editor:

Prof. Dr. Amélia Pilar Rauter

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Deadline for manuscript submissions:

closed (15 January 2020)

Message from the Guest Editor

Dear Colleagues,

Marine glycans are remarkable molecules, playing a determinant role in biological processes. This Special Issue of *Marine Drugs* will be dedicated to marine glycans. Participants working in this area are encouraged to contact the Guest Editor, Prof. Amélia Pilar Rauter (aprauter@fc.ul.pt), with a title and a short abstract of their proposed contribution, until October 31, 2018.

Main topics to be addressed in this issue:

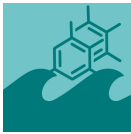
- Marine glycans: Glycosaminoglycans—structure and biological function; sulfated glycans—infection and therapeutics; N- and O-glycans; Polysaccharides and gut microbiota fermentation; etc.
- Marine algae lectins: Glycan recognition, biological activity
- Glycan-based marine natural products— isolation, identification, synthesis, bioactivity
- Marine glycan-based biopolymers

Other topics addressing marine glycan-related areas are also welcome.



mdpi.com/si/15627

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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