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Genetics of Marine Organisms Associated with Human Health

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submissions:

closed (28 February 2020)



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Message from the Guest Editors

Dear Colleagues,

Marine habitats harbour a large variety of organisms that impact human health. They belong to diverse taxa; from bacteria and unicellular eukaryotes to fungi, animals, plants, and form complex communities. Molecular genetics and genomic methods offer powerful and ever more indispensable tools for studying marine organisms and all the aspects of their influence on human health.

We would like this Special Issue to focus on all types of genetic research of marine organisms involved in human health. Specifically, we are inviting original research and review articles in the following areas:

- genetic biodiversity studies of species or groups of organisms linked with human health
- characterisation of genes involved in biosynthetic pathways of marine natural products
- basic molecular genetic or genomic research of marine organisms involved in human health
- origins, properties, and interactions of genes and proteins from marine organisms whose homologues are associated with human diseases
- genes and genomes of marine organisms used in biomedical research

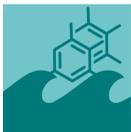
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Guest Editors

Special Issue



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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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