

Special Issue

Marine Thraustochytrids: Biology and Biotechnology

Message from the Guest Editor

Thraustochytrids comprise a group of protists from at least 12 genera. However, only few strains have been studied to establish their role in the environment and/or their potential for the production of metabolites, mainly long-chain omega-3 polyunsaturated fatty acids. The ability of thraustochytrids to synthesize metabolites not found in terrestrial microorganisms make them a valuable resource for the biotechnological industry, and a source of genetic information and DNA for the development of improved strains. This Special Issue invites articles on marine thraustochytrids, with a focus on the characterization of novel strains, metabolites and enzymes, and potential applications in the field of biotechnology (metabolic engineering, cultivation and downstream processing).

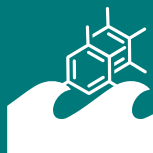
Guest Editor

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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

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