



Marine Environmental Research on Protists in the Bioeconomy Innovations

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Message from the Guest Editor

Marine organisms producing bioactive molecules have significant potential for use in biotechnology-enabled applications. A range of bioactive compounds extracted from marine organisms are already of great interest for new applications for industrial enzymes, functional foods, cosmeceuticals, pharmaceuticals, biomaterials, bioprocessing, and medical devices.

The Special Issue is dedicated to enhancing the role that marine protists (such as micro- and macroscopic organisms) play in different technologies, both through their direct use and through that of the bio-based products obtained from them, and in pursuing the principles of the Bioeconomy and of the Sustainable Development Goals. The aim of this Special Issue is to present an up-to-date overview of these topics, from a broad perspective, including conceptual, methodological, and case-based perspectives.

Studies concerning the employment of Protists in the exploitation of biomass valorization, recycling of waste, and renewable energy provision, as well as pharmaceutical, nutraceutical, food supply, agro-zootechnic, and climate change fields are welcome.





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