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Edible Seaweeds: An Emerging Source of Nutrition, Functional Food and Nutraceutical Products

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Message from the Guest Editors

Marine seaweeds have recently been identified as possible sources of beneficial metabolites and bioactive molecules with diverse biological and physiological properties. Seaweeds are recognized as a rich source of numerous dietary components as well as metabolites with medicinal properties. Overall, seaweeds are a rich source of proteins, PUFAs, metabolites, vitamins, sulfated polysaccharides, and minerals, all of which are responsible for various bioactivities; they are therefore perceived as a promising functional food (nutraceutical). Among the many bioactive compounds, seaweed polysaccharides have been shown to have anticoagulant, anti-inflammatory, antioxidant, anti-carcinogenic, and antiviral properties. This Special Issue aims to collect scientific contributions that can provide more insights into the nutraceutical potential of seaweeds in terms of various metabolites (primary and secondary), polysaccharides, potential biological applications, limitations, research gaps, and future prospects in seaweeds.



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Special Issue



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Message from the Editor-in-Chief

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