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Microalgae for the Food Industry: From Biomass Production to the Development of Functional Foods

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Microalgae are naturally rich in proteins, polyunsaturated fatty acids, and biologically active molecules including valuable pigments. However, although the number of food products containing microalgae has increased, microalgae are not yet a common food ingredient. Their production is confined to niche markets where the product high value compensates for high production costs and low yields. Other aspects such as low production capacity, strong organoleptic attributes, strict regulations, and lack of consumer knowledge about their health benefits are limiting their incorporation into foods. Further studies on these aspects are needed and will promote the production and consumption of this valuable resource.



mdpi.com/si/79505

Special Issue



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