



Aquaculture Wastes and By-products as Source of High Added Value Compounds: Extraction, and Health Aspects

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Message from the Guest Editors

Aquaculture waste results from the incomplete use of nutrients in farming, whereas by-products are generated from edible and non-edible parts left-over after product preparation. From these two sources, potential beneficial reuses are being investigated. Among the numerous reuse applications, the recovery of nutrients such as proteins, peptides, lipids, vitamins, oligosaccharides, as well as other bioactive compounds (e.g. polyphenols) can be cited. For this purpose, several conventional and innovative processes (e.g. ultrasound, pressurized liquids, high pressure processing, pulsed electric fields, microwaves, etc.) can be used.

In order to evaluate the potential use of the extracts and/or isolated compounds, several *in vitro* and *in vivo* assays are needed prior to its commercialization.

Therefore, this Special Issue covers high value-added compounds that can be obtained from aquaculture waste or by-products. It aims to provide insight into processing and health aspects related to these compounds. It covers all kinds of compounds and fields of utilization.





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Message from the Editor-in-Chief

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