Special Issue

Extraction and Separation of Bioactive Molecules from Marine Flora and Fauna and By-Products of Aquatic Industries

Message from the Guest Editors

Marine flora and fauna constitute a vast source of potentially bioactive molecules, including microalgae, seaweeds, fisheries and by-products of aquatic industries, among others. In particular, the valorization of by-products to produce value-added compounds is considered pivotal for sustainable growth based on a circular economy. For this Special issue, we invite front-line researchers and authors to submit original research and review articles focused on the "Extraction and Separation of Bioactive Molecules from Marine Flora and Fauna and By-Products of Aquatic Industries", addressing, among others, principles, factors, and parameters affecting the extraction process, most recent applications for the extraction of valuable compounds from several marine sources, new technical and industrial challenges, economic viability and sustainability on different markets, perspectives about the potential applications of the marine bioactive extracts in the food, pharmaceutical and cosmetic industry, experiments and modeling, new potential raw materials and residues, fractionation and purification processes.

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Deadline for manuscript submissions

closed (30 November 2024)

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Editor-in-Chief

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