

Special Issue

Marine Bioactive Compounds: Applications in Food Science

Message from the Guest Editor

Marine organisms are a rich source of natural bioactive compounds with potential applications in medicine, pharmaceuticals, cosmetics, nutraceuticals, and food, among others. Marine-derived bioactive compounds include polysaccharides, sterols, proteins, polyunsaturated fatty acids (PUFAs), antioxidants, and pigments. Many of these bioactive compounds have been related to health benefits since they play a significant role in the prevention of several pathologies due to their antioxidant, anticancer, and antibacterial effects, to mention a few. Marine organisms are therefore very attractive sources of nutritional and functional food ingredients. This Special Issue aims at collecting papers dealing with the applications of bioactive compounds derived from marine resources in food science. Papers dealing with, but not limited to, the following are welcome: - Extraction, isolation, and characterization of bioactive compounds; - Bioactivity of selected extracts; - Shelf-life extension; - Bioavailability/bioaccessibility studies. Dr. Sónia Duarte Barroso

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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