

Special Issue

Anti-oxidant and Anti-inflammatory Properties of Natural Compounds

Message from the Guest Editor

Plants, algae, and microorganisms are a source of bioactive molecules that can be used in drug, pharmaceutical, cosmetic, and skin care products and industries. Moreover, byproducts of several industries can be used as raw materials for added value molecule extraction and uses in the food, cosmetic, and pharmaceutical industries. A large amount of research has been undertaken to characterize bioactives in plants, seaweeds, microorganisms, and so on. Among these molecules, special attention was devoted to anti-inflammatory and antioxidant activities. These studies have been done on byproducts or on cultivated plants; a few works have focused their attention on the species used in traditional and popular medicine around the world. Measurement methods limit the comparison of information and the evaluation of their activities remain confined to minor uses. The evaluation of creams for skin care, biological effects, antimicrobial, and antitumoral effects needs further investigation.

Guest Editor

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