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From Marine Organisms to High Value Products with Health Benefits

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Message from the Guest Editors

Seas and oceans cover a plethora of habitats, from the less known and exploited to easier to reach systems. Marine biotechnology investigation is considered an innovative and productive field of research that allows us to respond to societal requirements for new products and eco-friendly solutions to protect human health.

For this Special Issue, we aim to present the latest knowledge on the use of marine biology and biodiversity for the provision of valuable products for biotechnological and societal applications. Biotechnological applications of marine organisms cover different fields, such as nutraceuticals, cosmeceuticals, pharmaceuticals and animal feeding. Original research and review articles on these different areas are welcome, and we aim to include research ranging from from marine bacteria, fungi and algae to plants and invertebrates. In particular, we hope to (i) present the on-going research on these organisms as resources for biotechnological applications; (ii) combine and discuss the different approaches carried out; and (iii) present state-of-the-art blue biotechnology challenges as well as struggles to reach related objectives.



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Special Issue



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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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