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Natural Antioxidants: Multiple Mechanisms for Skin Protection

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Message from the Guest Editor

The skin can be susceptible to both internal stress and external stimuli, and can collectively undermine the structural integrity and biological functions of the skin, which leads to skin aging and other undesired conditions. To ameliorate these insults to the skin, natural antioxidants (e.g., phytochemicals from medicinal plants and functional foods, as well as their synthetic derivatives) have been used as treatments for dermatological maladies and/or active ingredients for cosmetic products.

Herein, this Special Issue (SI), entitled Natural Antioxidants: Multiple Mechanisms for Skin Protection, aims to provide a platform for researchers to showcase their studies in fields related to skin protection by natural antioxidants. This SI includes (but is not limited to) the following research topics: (1) evaluations of natural antioxidants' skin protective effects; (2) the investigation of mechanisms of action; (3) the development of natural antioxidants and their derivatives as new cosmeceutical ingredients; (4) the applications of 'multi-omics' approaches; and (5) the discovery of the molecular target(s) of action.



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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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