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Antioxidants in Cosmetics

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Message from the Guest Editor

The outermost skin of our body performs a sensory and defensive role as the interface with the external environment. External factors, such as ultraviolet rays, climate change, and air pollutants, increase the oxidative damage of the skin. Inner factors, such as aging, nutritional imbalance, hormonal changes, and stress, weaken the antioxidant function of the skin. Therefore, not only antioxidants that can prevent oxidative damage inside and outside of the skin, but also components that can enhance the antioxidant function of the skin itself have potential value as new cosmetic materials.

We invite you to submit the latest research and review article on the positive and negative effects of natural or synthetic antioxidants on skin and skin cells, and their cosmetic applications, to this Special issue. We welcome cell, animal, and clinical studies on antioxidants or antioxidant enhancers in various experimental models that may cause oxidative damage or in other relevant experimental settings. The invited studies also include research into stabilizing antioxidants in cosmetic formulations and antioxidant systems that stabilize functional ingredients in cosmetics.



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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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