

Special Issue

Dermatology and Oxidative Stress

Message from the Guest Editors

Oxidative stress has recently been recognized as playing a pivotal role in the pathogenesis of various disorders such as cardiovascular diseases, neurodegenerative disorders, viral infections, and skin diseases. In the human body, when reactive oxygen species (ROS) accumulate in high concentrations, they may exert harmful effects on the host cells, leading to various tissue injuries.

On the skin, ROS induce the appearance of erythema, edema, or pain and play a major role in the aging process. The relationship between inflammation and oxidative stress is bidirectional because inflammatory cells release ROS, but ROS in turn can activate pathways involved in chronic inflammation.

The aim of this Special Issue is to explore recent advances in research involving the role of oxidative stress in the pathogenesis of skin diseases, new markers of oxidative stress for the diagnosis and monitoring of skin diseases, antioxidant therapies, and the link between oxidative stress and skin carcinogenesis. We welcome researchers to submit original research manuscripts and reviews to provide readers with a better understanding of the relationship between oxidative stress and skin diseases.

Guest Editors

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Deadline for manuscript submissions

closed (22 March 2024)



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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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