

Special Issue

Exploring Molecular Pathways in Skin Health and Diseases

Message from the Guest Editor

Skin health is regulated by complex molecular pathways that preserve its structure and function while enabling responses to internal and external stressors. These pathways play pivotal roles in processes such as oxidative stress regulation, cytokine signaling, collagen metabolism, and immune responses, which are crucial in maintaining skin homeostasis. However, disruptions to these pathways can result in various skin conditions, including chronic inflammation, premature aging, and skin cancer. This Special Issue will explore the molecular mechanisms underpinning skin health and disease, focusing on cutting-edge research in this field. A particular emphasis will be placed on the discovery of biomarkers and the development of innovative therapeutic strategies to elucidate the causes of skin diseases and identify potential treatments. We invite submissions spanning a wide range of research areas, from basic science to clinical applications, with the aim of fostering significant contributions to the study of skin health and disease.

Guest Editor

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