



MAPKs in Skin Health and Disease

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closed (15 March 2023)

Message from the Guest Editor

Mitogen-activated protein kinases (MAPKs) are major signaling transduction proteins in human skin, which play key roles in skin protection against injurious damage due to factors such as ultraviolet exposure, chemical and physical contact, various antigens and pathogens, and water loss. Skin is the body's largest organ, and therefore, the events controlling its homeostasis are varied and complicated. Notably, these include the use of MAPKs and related transcription factors.

The objective of this Special Issue, "MAPKs in skin health and disease", is to publish a collection of the latest review and research papers regarding the signaling events of MAPKs induced by biomolecules as well as the molecular targets, biological pathways, and mechanisms of action potentially involved in MAPK signaling in various conditions such as skin cancer, aging, inflammation, and dermatitis. Articles reporting strategies on how to control the beneficial activities of biomolecules by MAPKs in human healthy/aged skin will also be considered. I strongly encourage you and/or your colleagues to submit manuscripts that match the objectives and topics of this Special Issue.





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