



Molecular Studies of Dermatitis: From Mechanism to Therapy

Guest Editor:

Dr. Tokio Nakada

Showa University Fujigaoka
Hospital, Yokohama 227-8501,
Japan

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Message from the Guest Editor

Dear Colleagues,

It has long been believed that irritant contact dermatitis is caused by a stimulus, while allergic contact dermatitis is a delayed-type hypersensitivity reaction involving T cells and antigen-presenting dendritic cells. However, recent studies have demonstrated that the innate immune system plays an important role in contact dermatitis. All types of contact dermatitis are initiated by the penetration of a chemical. Its epicutaneous stimulation causes keratinocytes to secrete cytokines, and inflammation may occur, depending on the innate immune system. Damage-associated molecular patterns play an important role in irritant contact dermatitis. This system is also important for the sensitization and expression of eczema phases in allergic contact dermatitis, e.g., the migration of dendritic cells and the differentiation of memory T cells. In addition, it is interesting to examine the roles of eosinophils, basophils, mast cells, and macrophages in contact dermatitis.

For this Special Issue, we welcome original research and review articles that focus on the above topics.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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