

Special Issue

Molecular Studies of Dermatitis: From Mechanism to Therapy

Message from the Guest Editor

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.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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