

Special Issue

Immune Response in Atopic Dermatitis

Message from the Guest Editor

The skin is one of the largest immune organs that involve innate and acquired immune systems and thus is able to respond to exogenous stimuli producing large amount of proinflammatory cytokines, resulting in systemic inflammation. Atopic dermatitis has been regarded as one of the type 2 immune disorders, and lymphocytes produce IL-4 and IL-13 mainly; however, in the actual skin inflammation, type 1 and type 3 cells may intermingle in the lesions. Several studies have shown that severe inflammatory skin disorders are deeply connected to systemic complications such as arteriosclerosis, cardiomyopathy, abnormal fat metabolism, renal sclerosis, and systemic amyloidosis, leading to a concept of inflammatory skin march: intimate relations between skin inflammation and complications. Here, we welcome the clinical evidence and research findings focusing on immunological mechanism, systemic inflammatory changes and systemic organ diseases complicated by atopic dermatitis.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/133205

*International Journal of
Molecular Sciences*
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