

〈教育セミナー〉

おしゃれで安心な香粧品とは？

皮膚のアレルギー早わかり

塩原 哲夫

An Easy Guide to Allergy in the Skin

Tetsuo SHIOHARA

Abstract

In general, little attention has been paid to how allergic responses can be generated. Because adaptive immune responses to pathogens, when excessively and erroneously activated, can cause collateral injuries to normal tissues, uncontrolled activation of adaptive immune cells to pathogens would be responsible for the subsequent development and perpetuation of allergic inflammation. Indeed, many cutaneous allergic diseases, such as drug eruptions, occur various time points after onset of infectious diseases. Crosstalk among cells of the innate and adaptive immune systems is an important mechanism to protect host cells against pathogens and the allergic diseases can thus occur as a disturbance in such crosstalk. In this review, how the disturbance results in the development of allergic inflammation in the skin is discussed.

Key words: innate immunity, acquired immunity, regulatory T cells, contact dermatitis, atopic dermatitis.