

〈教育セミナー〉

ドライスキンのサイエンス～原点から最前線まで～

皮膚バリアの基礎知見 up-to-date

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**Skin Barrier Function: Up-to-Date**

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**Abstract**

One of the most important functions of our integument is a barrier function. The barrier function of the stratum corneum in the epidermis can control the trans-epidermal water loss and protect our body from invasion of a variety of allergens. Filaggrin is one of the most essential molecules for the barrier function of the stratum corneum and, recently, filaggrin gene mutations were reported to be a major predisposing factor for atopic dermatitis. Skin barrier defects are thought to be closely associated with the pathogenesis of many allergic disorders including asthma, hay fever and food allergies.

**Key words:** asthma, atopic dermatitis, filaggrin, food allergy, hay fever.