

〈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～

ドライスキンとかゆみ

高森建二

Dry Skin Induced Itch-Mechanisms and Managements

Kenji TAKAMORI

Abstract

Itch has been defined as an unpleasant sensation that provokes the desire to scratch it. The itch in dry skin such as xerosis and atopic dermatitis is antihistamin-resistant itch (intractable itch). The itch in dry skin is induced easily by weak stimuli such as mechanical, chemical or physiological stimuli (alloknesis). Alloknesis may be induced by lowering of itch threshold. One of the cause of this phenomenon is the elongation (invasion) of nerve fibers into the epidermis. In this paper the invasion mechanisms of nerve fiber into the epidermis and the management of itch in dry skin were discussed.

Key words: dry skin, intractable itch, axonal guidance molecule, emollient, UV-based therapy.