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皮膚・体の健康に与える皮膚常在細菌叢の役割

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The Role of Skin Microbiome in Skin and Body Health

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Abstract

The presence of skin microbiome on the surface of the skin and their involvement in the host immunological homeostasis and in the pathogenesis of inflammatory skin diseases is becoming elucidated. *Staphylococcus aureus* (*S. aureus*) has long been known to colonize the skin of patients with atopic dermatitis (AD), but its involvement in the pathogenesis of the disease was unknown. Recent studies have shown that AD patients experience a disruption of the bacterial balance (dysbiosis), in which the diversity of the microbiome decreases and the number of *S. aureus* increases during flare, and that this may contribute to the worsening of the dermatitis. Several *S. aureus*-targeted therapies have been developed and have shown some efficacy on AD.

Key words: skin microbiome, dysbiosis, atopic dermatitis, *Staphylococcus aureus*.