

〈シンポジウム〉
「UVAに光を当てる」

紫外線防止剤とその効果

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UV Protective Agents and the Effect

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Abstract

In 1996 many UV protective products labelling the protective efficacy of UVA and UVB are available in Japanese market. This phenomenon was resulted from the determination of JCIA SPF measurement methods and JCIA UVA protective efficacy measurement. In both methods human beings should be used as subjects and artificial light sources are adopted. JCIA SPF measurement methods is similar to the American rules (FDA methods) and European guideline. On the other hand, JCIA UVA protective efficacy measurement is the first guideline in the world. Many efforts for increasing the protective efficacy of sunprotective products have been done. Therefore, new ingredients and new preparations have been developed. In this article I described about measurement method of UVB or UVA protective efficacy and many kinds of protective agents. At last I proposed the problem to be resolved in future.

Key words: sunscreen, UVA, UVB, SPF, PA.