

〈シンポジウム〉

(香粧品の有用性を支える皮膚科学研究の今後と方向性)

## シワ形成からみた香粧品の有用性

武馬 吉則\*

### Availability of Cosmetics and Toiletries from the Perspective of Anti-Wrinkle

Yoshinori TAKEMA\*

#### Abstract

Wrinkles frequently appearing on the face are one of the most important themes esthetically, and studies have long been performed on this theme. Dermatological studies that support the availability of cosmetics and toiletries from the viewpoint of anti-wrinkle properties can be roughly classified into three aspects. The first is study of the possible mechanism of wrinkle formation ; that is, why a wrinkle is formed ; the second is study of effective manipulation to evaluate its ensured availability, and the third is study of the availability of treatment to improve wrinkles ; that is, esthetic treatments, such as drugs or laser, and the related possible mechanisms of action. At this lecture, several data on manipulations for evaluating the efficacy of wrinkle-preventing and wrinkle-improving agents are presented, to discuss a future stance and direction of dermatological study to support the availability of cosmetics and toiletries in an anti-wrinkle perspective.

**Key words:** wrinkle, efficacy evaluation, formation mechanisms, future, direction.