

〈教育セミナー〉

(21 世紀へ向けてのアンチエイジング—しわを防ぐために)

## しわ発生メカニズムとその改善

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### Mechanism of Skin Wrinkling and Anti-Wrinkle Agents

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#### Abstract

Formation of skin wrinkles on the face is not a little influenced by the chronic exposure to the sun light. Topical retinoic acid has been proved to be effective for reducing wrinkles on the photodamaged skin by a number of clinical trials so far, and became a first anti-wrinkle agent as an ethical drug in USA. Skin irritation is an undesirable property of retinoic acid. Retinol has a mild but biologically similar effect to retinoic acid and is suitable for anti-wrinkle agent as a quasi-drug.

**Key words:** wrinkle, photoaging, antiwrinkle, retinoic acid, retinol.