

〈教育セミナー〉

(21世紀を迎えてのアンチエイジング—髪を美しく保つために)

脱 毛 症 と 男 性 ホ ル モ ン

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Alopecia and Androgens

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Abstract

Androgens regulate much human hair growth and are implicated in many human hair growth disorders, in particular, androgenetic alopecia, but the mechanism of androgen action in human hair follicles is not fully understood. Since androgen probably act on hair follicles *via* the mesenchyme-derived dermal papilla, cultured dermal papilla cells appear to offer a good model system for studies of androgen action in human hair growth. In this paper, I would like to introduce some of the update studies in this field and also speculate the reason why androgenetic alopecia occurs in some individuals, but not others.

Key words: androgenetic alopecia, androgen receptor, androgen metabolism, 5 α -reductase, hair dermal papilla cells.