

〈シンポジウム〉

「毛包脂腺系を科学する—毛髪のサイエンスと新しい育毛剤へのアプローチ」

## 新しい育毛剤へのアプローチ

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### Researches on New Hair Growth Promoters

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#### Abstract

Male pattern baldness is mainly caused by androgens in genetically susceptible people. On the frontal and vertex scalp, androgens gradually transform large terminal hair to a thinner texture, leading to baldness. The mechanisms behind this are poorly understood, although this phenomenon closely relates to a shortening of the anagen growth phase of the hair follicle cycle. The progress of the basic researches on the control mechanisms of androgen actions and hair cycle is essential to the development of new hair growth promoters in the future. In this paper, the recent studies on male pattern baldness and hair growth mechanisms is reviewed from these viewpoints.

**Key words:** male pattern baldness, androgen, hair cycle, hair growth promoter.