

〈シンポジウムII 毛成長と毛髪ケア研究の進歩〉

## 脱毛症の動物モデル

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### Animal Models of Alopecia

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#### Abstract

In spite of the past attention given laboratory rodents and the continued scrutiny they receive, a rodent model of human androchronogenic alopecia has not been reported. We examined the effect of minoxidil on hair follicular cycles of rats. Topical minoxidil shortened telogen but not prolong anagen. Guinea pigs and hairless mice were also examined, however, they were not appropriate for hair biology. The best current animal model of androchronogenic alopecia, the stumptailed macaque, is a primate. We have to continue searching for more appropriate animal models of alopecia.

**Key words:** rat, minoxidil, mimosine, hairless mouse, stumptailed macaque