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**Vitiligo through the Lens of Genetics**

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**Abstract**

Vitiligo is an autoimmune disorder targeting melanocytes that significantly impairs patients' quality of life. Currently, there is no established treatment for this condition. Previous epidemiological and susceptibility gene search studies have revealed the involvement of genetic factors in the onset of vitiligo. In the future, through functional analysis of approximately 50 identified susceptibility genes and genomic regions, further exploration of the pathogenesis of vitiligo and the development of novel treatment methods can be expected. As a preliminary step before conducting functional analysis, the utilization of publicly available eQTL analysis and epigenetics analysis results from databases allows for efficient functional analysis. In this article, based on previous susceptibility gene search studies, I will provide an overview of what developments can be expected in the future, sharing my perspective on the subject.

**Key words:** epigenetics, eQTL, GWAS, IL15, vitiligo.