Use of Targeted Bone Marrow Cell Infiltration to Induce Pigmentation and Hair Growth in Skin

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Technology description

Summary

A long-standing problem in skin research has been the difficulty of inducing stem cells such as bone marrow cells, to infiltrate the skin. Such infiltration could be the basis of numerous therapeutic intraventions. The present invention describes a method of using localized inflammation to induce targeted bone marrow cell effects in the skin. Among the conditions treated in the preliminary trials are hair and pigmentation loss.
Alopecia (hair loss) is a common condition that results from diverse causes such as altered physiology, surgical trauma and/or certain drugs. The present invention relates to methods of increasing hair growth and melanocyte proliferation. Such methods include administration of bone marrow cells, an agent that mobilizes bone marrow cells or a combination thereof.

Institution

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