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McIntosh

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(54) **LIVER STROMAL CELLS FOR PREVENTION AND TREATMENT OF IMMUNE RESPONSES IN TRANSPLANTATION**

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(52) **U.S. Cl.**

CPC **A61K 35/407** (2013.01); **A61K 39/001** (2013.01); **C12N 5/067** (2013.01); **A61K 2035/122** (2013.01)

(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention encompasses methods and compositions for reducing an immune response to a transplant in a recipient by treating said recipient with an amount of liver stromal cells effective to reduce or inhibit host rejection of the transplant. Also disclosed is a method of inducing a reduced immune response against a host by foreign tissue, i.e., graft versus host disease, by treatment with liver stromal cells.

26 Claims, 3 Drawing Sheets