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(54) Title: BIOLOGIC SKIN REPAIR AND ENHANCEMENT

(57) Abstract: Muscle cell materials and methods are provided for refurbishing skin. Skin surfaces are prepared by removing dead cells and myoblasts are added in a cell-nutritive solution. An embodiment provides autologous human myoblast cells from the individual to be treated, serum from the individual, and an angiogenesis factor for stimulation of vascularization. Large 6 chondroitin sulfate may be used for controlled rapid cell fusion of the myoblasts. Foreskin fibroblast cell suspensions also may be used singly or in combination with myoblasts. In yet another embodiment non-immunogenic cells from another animal such as a pig with a double knockout mutation that affects foreign recognition may be added to cell surfaces.

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