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(54) Title: IMMUNOCOMPATIBLE AMNIOTIC MEMBRANE PRODUCTS

Cell Viability of Chorionamniotic Membrane

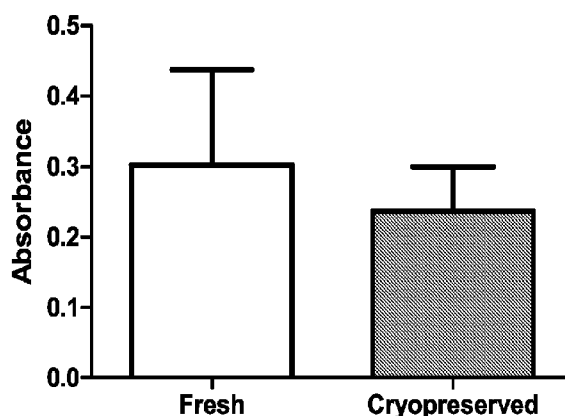


FIGURE 4

(57) **Abstract:** Provided herein is a placental membrane product comprising an immunocompatible amniotic membrane. Such placental membrane products can be cryopreserved and contain therapeutic factors and viable cells after thawing. The placental membrane products are useful in wound healing and tissue repair/regeneration as they are capable of promoting angiogenesis, reducing inflammation, inhibiting proteases and free radical oxidation, reducing scar formation, and other methods that promote healing. The present technology relates to products to protect injured or damaged tissue, or as a covering to prevent adhesions, to exclude bacteria, to inhibit bacterial activity, and/or to promote healing or growth of tissue. The field also relates to methods of manufacturing and methods of use of such membrane-derived products.