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(54) Title: WOUND REPAIR DRESSINGS AND METHODS FOR THEIR PRESERVATION

(57) Abstract

Methods and products relating to the preservation of cultured mammalian epithelial or mesenchymal cells are provided. The methods involve the pre-treatment of epithelial cells with a solution containing a cryoprotectant amount of monosaccharides and/or disaccharides. The treated cells then are frozen, dried or freeze-dried in a minimum volume of solution and stored for later use. The invention avoids the use of materials that must be washed away from the preserved tissue prior to application of the tissue to a wound bed. The invention also permits the storage of epithelial tissue in a dry state.

Assigned to Celadon Science L.L.C.