

Title (en)

NOVEL METHOD FOR CULTURING KERATINOCYTES, MELANOCYTES AND FIBROBLASTS FOR SKIN GRAFTING

Title (de)

NEUE KULTURMETHODE FÜR KERATINOZYTEN, MELANOZYTEN UND FIBROBLASTEN FÜR HAUTTRANSPLANTATIONEN

Title (fr)

NOUVEAU PROCEDE DE CULTURE DE KERATINOCYTES, DE MELANOCYTES ET DE FIBROBLASTES POUR GREFFE CUTANEE

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Application

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Abstract (en)

[origin: WO2006005977A1] The present invention in general relates to the field of eukaryotic cell culture and tissue engineering, more closely to a method for the cultivation of eukaryotic cells and the use of cells cultured according to this method for the preparation of cell transplants e.g. autologous cell transplants. In particular, the invention relates to the use of keratinocyte and/or melanocyte and/or fibroblast transplants prepared according to the present invention for the treatment of various dermatological symptoms and diseases. The invention further relates to keratinocyte and/or melanocyte and/or fibroblast transplants, e.g. cell culture preparations, prepared according to the present invention. The invention concerns areas involving eukaryotic cell culture and tissue engineering, particularly fibrin-containing keratinocyte, melanocyte and fibroblast suspensions based on three constituents. The invention is particularly useful in the treatment of various conditions of skin, e.g. chronic ulcers of different origins, burn wounds, post-traumatic wound defects, defects of extensive, benign, naevoid skin changes and of scars after prior dermabrasion, vitiligo, piebaldism, etc.

IPC 8 full level

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