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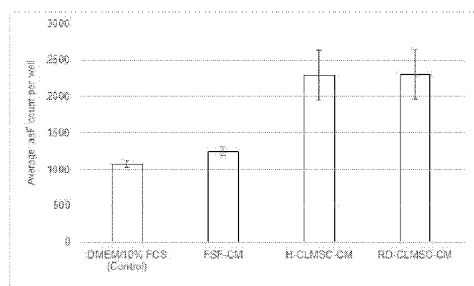
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(54) Title: USE OF CONDITIONED MEDIUM DERIVED FROM CULTIVATION OF MESENCHYMAL STEM CELLS OF THE UMBILICAL CORD FOR INDUCING, STIMULATING AND PROMOTING HAIR GROWTH AND REGENERATION



	Average total cell counts	Standard deviation	% increase over control
DMEM/10% FCS (Control)	1079	45	
FGF-CM	1248	58	16%
H-CLMSC-CM	2293	345	112%
RD-CLMSC-CM	2301	348	113%

FIG. 3

(57) Abstract: The present invention relates to a method of inducing, stimulating and/or promoting hair growth and/or hair regeneration, wherein the method comprises treating the hair of a subject with conditioned medium derived from cultivation of mesenchymal stem cells of the umbilical cord. The present invention also relates to a method of alleviating and/or reducing hair loss and/or hair thinning, wherein the method comprises treating the hair of a subject with conditioned medium derived from cultivation of mesenchymal stem cells of the umbilical cord. The invention also relates to a method of producing a conditioned medium, the method comprising : a) cultivating mesenchymal stem cells of the umbilical cord in a culture medium comprising DMEM (Dulbecco's modified eagle medium), F12 (Ham's F12 Medium), M171 (Medium 171) and FBS (Fetal Bovine Serum); b) removing the mesenchymal stem cells of the umbilical cord from the culture medium; wherein the conditioned medium is obtained by collecting the cell culture medium. The invention also relates to a conditioned medium obtained or obtainable by the producing method, a composition thereof and uses thereof.

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