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(54) Title: EXTRACELLULAR MATRIX COMPOSITIONS

(57) Abstract: The present invention is directed to a method of producing compositions including embryonic proteins. The method includes culturing cells under hypoxic conditions on a biocompatible two- or three-dimensional surface *in vitro*. The culturing method produces both soluble and non-soluble fractions, which may be used separately or in combination to obtain physiologically acceptable compositions useful in a variety of medical and therapeutic applications.



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