ABSTRACT

CARDIOMYOCYTE PRODUCTION

The present invention provides a process of differentiating stem cells, in Particular hES cells, into cardiomyocytes and into neural progenitors by growing the hES cells in the presence of a defined medium that is substantially free of xeno- and serum-components and thus comprises a clinically compliant medium. The defined media comprises defined factors that contribute to the promotion of differentiation to cardiomyocytes and neural progenitors. The invention also includes defined culture media and cell populations and methods of using them.

FIG 1

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