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(54) Title: METHODS OF EXPANDING CHOLANGIOCYTES

(57) Abstract: The present invention relates to methods for the expansion of cholangiocytes *in vitro* that comprise culturing the cholangiocytes in the presence of a farnesoid X receptor (FXR) agonist, such as chenodeoxylic acid (CDA) or obeticholic acid (OCA). The FXR-treated cholangiocytes and organoids obtained by the methods may be useful for example for the treatment of biliary disorders and compound screening. Also provided are kits and uses of culture media for the production of FXR-treated cholangiocyte organoids.



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