ABSTRACT

A NOVEL POPULATION OF HEPATOCYTES DERIVED VIA DEFINITIVE ENDODERM (DE-HEP) FROM HUMAN BLASTOCYSTS STEM CELLS

The present invention relates to a novel hepatocyte-like cell progenitor and/or a novel hepatocyte-like cell derived via definitive endoderm from human blastocyst-derived stem (hBS) cells, to a method for the preparation of such cells and to the potential use of such cells in e.g. pharmaceutical drug discovery and development, toxicity testing, cell therapy and medical treatment. In particular is presented a definitive endoderm derived hepatocyte-like cell with important liver-expressed marker genes and important metabolizing enzymes, as well as drug transporters.

No Suitable Figure