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(54) Title: MODIFIED PLURIPOTENT CELLS

(57) Abstract: The invention discloses for the first time pluripotent cells, including induced pluripotent stem cells, embryonic stem cells, and hypo-immune pluripotent cells that are ABO blood type O Rhesus Factor negative and evade rejection resulting from blood type antigen mismatch. The invention further provides universally acceptable "off-the-shelf" pluripotent cells and derivatives thereof for generating or regenerating specific tissues and organs.



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