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(71) Applicant: **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, California 94607 (US).

(72) Inventors: **SCHREPFER, Sonja**; c/o The Regents of the University of California, 1111 Franklin Street, 12th Floor, Oakland, California 94607 (US). **DEUSE, Tobias**; c/o The Regents of the University of California, 1111 Franklin Street, 12th Floor, Oakland, California 94607 (US).

(74) Agent: **KAPLAN, Jonathan M.**; Kaplan IP Law, P.C., PO Box 66744, Scotts Valley, California 95067 (US).

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(54) Title: IMMUNOENGINEERED PLURIPOTENT CELLS

(57) Abstract: The invention provides pluripotent cells that are used therapeutically for regenerating tissues but avoid rejection by subjects that receive them. In particular, the invention provides hypo-immunogenic pluripotent cells that avoid host immune rejection. The cells lack major immune antigens that trigger immune responses and are engineered to avoid phagocytic endocytosis. The invention further provides universally acceptable "off-the-shelf" pluripotent cells and derivatives thereof for generating or regenerating specific tissues and organs.