HYPOIMMUNOGENIC NEURAL CELLS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS AND CONDITIONS

ABSTRACT

Disclosed herein are cells including neural cells that evade immune recognition such as microglial response and related methods of their use and generation. In some embodiments, the cells disclosed herein have reduced levels or activities of MHC I and/or MHC II human leukocyte antigens, and in some instances, exogenously express CD47. In some embodiments, the cells are derived from pluripotent stem cells that evade immune recognition by a recipient subject.

[Fig. 1]