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(54) Title: AN IMMUNOSUPPRESSIVE DRUG COMBINATION FOR A STABLE AND LONG TERM ENGRAFTMENT

(57) Abstract: A method of treating a subject in need of a cell or tissue transplant is disclosed. The method comprising (a) transplanting a non-syngeneic cell or tissue transplant into the subject, wherein the transplant comprises bone marrow or lymphoid cells; and (b) administering to the subject a therapeutically effective amount of an immunosuppressive regimen comprising a Sphingosine 1-Phosphate Receptor Agonist, a B7 molecule inhibitor and a CD2/CD58 pathway inhibitor, thereby treating the subject.