Abstract

METHODS AND COMPOSITIONS FOR INHIBITION OF TREG CELLS

The present invention relates to methods of suppressing the immune tolerance of a disease or disease antigens in a patient. The method also promotes the activity of the effectore T lymphocytes. The invention includes administering a therapeutic composition that promotes a Th1 environment in the patient while decreasing the immunosuppressive activity of Treg cells that can lead to disease antigen tolerance and immunoavoidance of the disease antigens by the patient. The therapeutic composition includes allogeneic emTh-1 cells. The therapeutic composition can also include disease antigens such as the chaperone-rich cell lysate of the disease antigen.

[Figure 1a & 1b]

Abstract

METHODS AND COMPOSITIONS FOR INHIBITION OF TREG CELLS

The present invention relates to methods of suppressing the immune tolerance of a disease or disease antigens in a patient. The method also promotes the activity of the effectore T lymphocytes. The invention includes administering a therapeutic composition that promotes a Th1 environment in the patient while decreasing the immunosuppressive activity of Treg cells that can lead to disease antigen tolerance and immunoavoidance of the disease antigens by the patient. The therapeutic composition includes allogeneic emTh-1 cells. The therapeutic composition can also include disease antigens such as the chaperone-rich cell lysate of the disease antigen.

[Figure 1a & 1b]