Abstract

MODULATION OF SPLENOCYTES IN CELL THERAPY

The invention provides methods for treating pathological conditions associated with an undesirable inflammatory component. The invention is generally directed to reducing inflammation by administering cells that have one or more of the following effects in an injured subject: interact with splenocytes, preserve splenic mass, increase proliferation of $CD^{4+}$ and $CD^{8+}$ T-cells, increase IL-4 and IL-10, decrease IL-6 and IL-1β, and increase M2:M1 macrophage ratio at the site of injury. The invention is also directed to drug discovery methods to screen for agents that modulate the ability of the cells to have these effects. The invention is also directed to cell banks that can be used to provide cells for administration to a subject, the banks comprising cells having desired potency for achieving these effects.

No Suitable Figure.