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(54) Title: METHODS AND COMPOSITIONS FOR IMMUNE CELL REJUVENATION AND THERAPIES USING REJUVENAT-
ED IMMUNE CELLS

(57) Abstract: Methods and compositions for cellular rejuvenation of immune cells, such as T cells, are provided. Cellular rejuvenation
can be achieved by exposure, such as transient exposure, of immune cells to mRNAs encoding reprogramming factors. Compositions
comprising such rejuvenated immune cells, including rejuvenated T cells, and uses of the rejuvenated immune cells in treating certain
diseases and/or disorders, such as cancer and immune disorders, are also provided

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