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(54) Title: ARTIFICIAL ANTIGEN-PRESENTING CELL

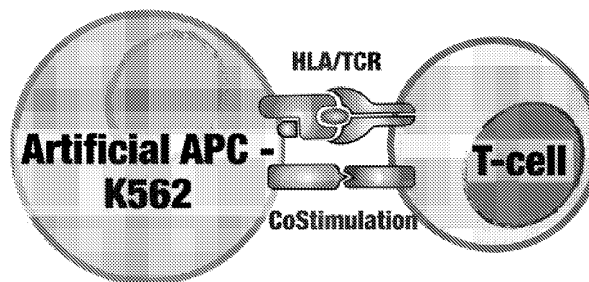


Figure 2

(57) Abstract: The invention relates to an artificial antigen-presenting cell (aAPC) comprising at least one immune stimulatory ligand and co-stimulatory ligands comprising or consisting of CD86, CD70 and CD137L, methods of preparing an aAPC and methods of inducing proliferation of an immune cell or expanding a population of immune cells. The invention also relates to methods for inducing an immune response or treating a medical condition in a subject. The invention further relates to methods of identifying an antigenic peptide or method of identifying or detecting the presence of an immune cell that recognizes an antigen.

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