

Title (en)  
TRANSGENIC MACROPHAGES, CHIMERIC ANTIGEN RECEPTORS, AND ASSOCIATED METHODS

Title (de)  
TRANSGENE MAKROPHAGEN, CHIMÄRE ANTIGENREZEPTOREN UND ZUGEHÖRIGE VERFAHREN

Title (fr)  
MACROPHAGES TRANSGÉNIQUES, RÉCEPTEURS D'ANTIGÈNES CHIMÉRIQUES ET MÉTHODES ASSOCIÉES

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Application  
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Abstract (en)  
[origin: WO2018212770A1] Described herein are chimeric receptors. Chimeric receptors comprise a cytoplasmic domain; a transmembrane domain; and an extracellular domain. In embodiments, the cytoplasmic domain comprises a cytoplasmic portion of a receptor that when activated polarizes a macrophage. In further embodiments, a wild-type protein comprising the cytoplasmic portion does not comprise the extracellular domain of the chimeric receptor. In embodiments, the binding of a ligand to the extracellular domain of the chimeric receptor activates the intracellular portion of the chimeric receptor. Activation of the intracellular portion of the chimeric receptor may polarize the macrophage into an M1 or M2 macrophage.

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