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Name of Journal: World Journal of Immunology**ESPS Manuscript NO:** 20848**Manuscript Type:** EDITORIAL**CARs – on the road to realising their full potential**

May CI van Schalkwyk, John Maher

Abstract

Chimeric antigen receptors (CARs) are fusion molecules that may be genetically delivered *ex-vivo* to T-cells and other immune cell populations, thereby conferring specificity for native target antigens found on the surface of tumour and other target cell types. Antigen recognition by CARs is neither restricted by nor dependent upon HLA antigen expression,

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