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(54) Title: SYSTEMS AND METHODS FOR UPREGULATION OF LOW-DENSITY LIPOPROTEIN RECEPTOR (LDL-R) EXPRESSION

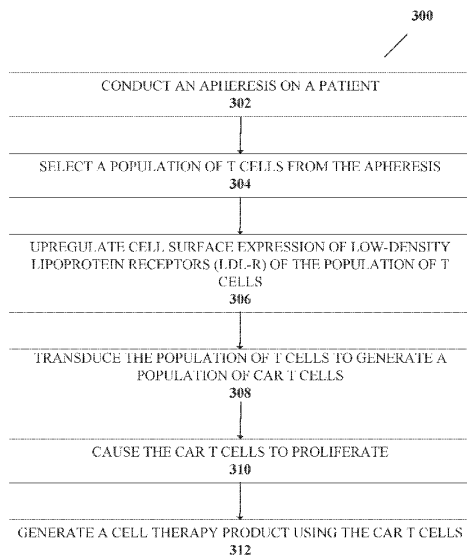


Figure 3

(57) Abstract: The present disclosure describes technologies for improving a T cell manufacturing process. Specifically, upregulating low-density lipoprotein receptor (LDL-R) expression on a T cell surface. The described technologies are particularly suitable in manufacturing processes using of non-activated T cells in a transduction step.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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