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(71) Applicant *(for all designated States except US)*: **DEPARTMENT OF VETERANS AFFAIRS, REHABILITATION R & D SERVICE** [US/US]; 103 South Gay Street, Baltimore, MD 21202 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **PHILLIPS, Catherine, A.** [US/US]; 3001 West 27th Avenue, Apartment #16, Amarillo, TX 79109 (US).

(74) Agent: **KIMBALL, Paul, C.**; Womble Carlyle Sandridge & Rice, PLLC, Post Office Box 7037, Atlanta, GA 30357-0037 (US).

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(54) Title: METHODS AND COMPOSITIONS USING CELLULAR ASIALODETERMINANTS AND GLYCOCONJUGATES FOR TARGETING CELLS TO TISSUES AND ORGANS

(57) Abstract: The present invention is directed to methods for delivering cells to a target tissue in a mammal using glycoconjugate to traffic the cell to a desired organ in the mammal. The methods according to the present invention are especially applicable to administering lymphoid cells such as natural killer (NK) cells activated with interleukin-2 (IL-2), lymphokine-activated killer (LAK) cells and/or tumor-infiltrating lymphocytes (TILs) and/or cytotoxic lymphocytes (CTLs), or stem cells such as those derived from the bone marrow or from umbilical cord tissue. The methods are also useful for targeting a gene of interest to a tissue in a mammal by introducing a cell containing the gene of interest and administering a glycoconjugate to the mammal.