Technology: Methods and compositions for directing cells to target organs

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The VA has a sole ownership interest

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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 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.