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(54) Title: BIOCONJUGATES MADE FROM RECOMBINANT N-GLYCOSYLATED PROTEINS FROM PROCARYOTIC CELLS

(57) Abstract: The present invention is directed to a bioconjugate vaccine, such as an Ol-bioconjugate vaccine, comprising: a protein carrier comprising a protein carrier containing at least one consensus sequence, D/E - X - N - Z - S/T, wherein X and Z may be any natural amino acid except proline; at least one antigenic polysaccharide from at least one pathogenic bacterium, linked to the protein carrier; and, optionally, an adjuvant. In another aspect, the present invention is directed to a method of producing an O1-bioconjugate in a bioreactor comprising a number steps.

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