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(54) Title: NONLINEAR SACCHARIDE CONJUGATES

(57) Abstract: This specification is directed to nonlinear saccharide conjugates that comprise polysaccharides that are linked to at least two peptides that comprise T-cell epitopes and have no conformational B-cell epitopes where one of the peptides is linked to an internal saccharide so that the conjugates have a branched (i.e., nonlinear) structure. The specification also provides methods of manufacturing these conjugates, methods of formulating these conjugates in compositions for use as vaccines and methods of using the compositions to induce an immune response to the capsular saccharide. The specification also provides a new polyepitope carrier peptidecomprising the PV1 epitope from polio virus. The new polyepitope carrier peptidecan be used in both linear saccharide conjugates as well as the nonlinear saccharide conjugates.