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(54) Title: COMBINED MUCOSAL AND PARENTERAL IMMUNIZATION AGAINST HIV

(57) Abstract: HIV antigens are mucosally administered in one or more priming immunization(s), and then HIV antigens are parenterally administered in one or more boosting immunization(s). Thus the invention provides a method for raising an immune response in a patient, comprising: (i) administering a HIV antigen to the patient via a mucosal route; and then (ii) administering a HIV antigen to the patient via a parenteral route. The antigens will typically be adjuvanted. Preferred mucosal immunizations are via the intranasal route using a detoxified mutant of E.coli heat labile toxin as the adjuvant. Preferred parenteral immunizations are via the intramuscular route using an oil-in-water emulsion adjuvant.