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(54) Title: VACCINE COMPOSITION COMPRISING ENCODED ADJUVANT

(57) Abstract: The present invention relates to a vaccine composition comprising (1) a first set of one or more vectors comprising a nucleic acid encoding one or more adjuvants, wherein the first set of one or more vectors are adenoviral vectors, and (2) an antigen or a combination of antigens or a nucleic acid encoding said antigen or combination of antigens or a second set of one or more vectors comprising said nucleic acid. The invention further relates to said vaccine composition for use in the treatment or prophylaxis of a disease. In addition, the invention relates to a vaccine composition or vaccine kit for inducing an immune response comprising (1) a first nucleic acid encoding one or more adjuvants or a first set of one or more vectors comprising said first nucleic acid and (2) an antigen or a combination of antigens or a second nucleic acid encoding said second antigen or combination of antigens or a second set of one or more vectors comprising said second nucleic acid, wherein (1) is administered to a patient at a first location and (2) is administered to the patient at a second location, wherein the first location is the same or within 20 cm of the second location and the lymphatic system of the first and second location drains to the same lymph nodes. The invention also relates to a vaccination regimen comprising a first administration step comprising administration of an antigen and an encoded adjuvant, and a second administration step comprising administration of an antigen and/or an encoded adjuvant.

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