ABSTRACT

PHARMACEUTICAL COMPOSITION COMPRISING A POLYMERIC CARRIER CARGO COMPLEX AND AT LEAST ONE PROTEIN OR PEPIDE ANTIGEN

The present invention is directed to a pharmaceutical composition including (e.g. for use as an adjuvant) a polymeric carrier cargo complex, comprising as a carrier a polymeric carrier formed by disulfide-crosslinked cationic components; and as a cargo at least one nucleic acid molecule, and at least one antigen that is selected from an antigen from a pathogen associated with infectious disease; an antigen associated with allergy or allergic disease; an antigen associated with autoimmune disease; or an antigen associated with a cancer or tumour disease, or in each case a fragment, variant and/or derivative of said antigen. The pharmaceutical composition allows for efficient induction of an adaptive immune response directed against said antigen. The present invention furthermore provides kits, as well as the use of the pharmaceutical composition or the kit as a vaccine, particularly in the treatment of infectious diseases, allergies, autoimmune diseases and tumour or cancer diseases.

[No suitable figure]