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(54) **Title**: COMPOSITION COMPRISING A COMPLEXED (M)RNA AND A NAKED MRNA FOR PROVIDING OR ENHANCING AN IMMUNOSTIMULATORY RESPONSE IN A MAMMAL AND USES THEREOF

(57) **Abstract**: The present invention relates to an immunostimulatory composition comprising a) an adjuvant component, comprising or consisting of at least one (m)RNA, complexed with a cationic or polycationic compound, and b) at least one free mRNA, encoding at least one therapeutically active protein, antigen, allergen and/or antibody, wherein the immunostimulatory composition is capable to elicit or enhance an innate and optionally an adaptive immune response in a mammal. The inventive immunostimulatory composition may be a pharmaceutical composition or a vaccine. The invention furthermore relates to a method of preparation of the inventive immunostimulatory composition. The invention also relates to the use of the inventive immunostimulatory composition or its components (for the preparation of a pharmaceutical composition or a vaccine) for the treatment of various diseases. Finally, the invention relates to kits containing the inventive immunostimulatory composition, its components and/or the pharmaceutical composition or vaccine.