Title (en)

METHODS FOR THE PREVENTION AND TREATMENT OF DISEASES CAUSED BY AN INFLAMMATORY RESPONSE MEDIATED BY ENDOGENOUS SUBSTANCE P BY USING ANTI-SUBSTANCE P ANTIBODIES

Title (de)

VERFAHREN ZUR VORBEUGUNG UND BEHANDLUNG VON KRANKHEITEN VERURSACHT DURCH EINEN DURCH ENDOGENE SUBSTANZ-P MEDIIERTEN ENTZÜNDUNGSRESPONS UNTER VERWENDUNG VON ANTIKÖRPERN GEGEN SUBSTANZ-P

Title (fr)

PROCEDES DE PREVENTION ET DE TRAITEMENT DE MALADIES DUES A UNE REPONSE INFLAMMATOIRE INDUITE PAR LA SUBSTANCE P ENDOGENE, PAR L'UTILISATION D'ANTICORPS ANTI-SUBSTANCE P

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0043040A1] The present invention provides methods for preventing or treating a disease in a subject which is caused by an inflammatory response to a disease or syndrome which is mediated by endogenous substance P. These methods comprise the administration to the subject of a pharmaceutically-effective amount of anti-substance P antibodies, or anti-substance P antibody fragments, such as F(ab)2 fragments, thereby inhibiting the activity of endogenous substance P in the subject. By inhititing the activity of endogenous substance P in the subject, the levels of cytokines produced by T lymphocytes present in the subject are reduced, the signals which direct the inflammatory response to the infection become altered, and the amount of cytokine-induced inflammation becomes reduced. Respiratory syncytial virus is one example of an agent which causes an infection which often results in a disease caused by an inflammatory response to the infection mediated by endogenous substance P. Generally, from about 0.001 mg to about 10 g of anti-substance P antibodies, or anti-substance P antibody fragments, per kilogram of body weight per day are administered to a mammalian subject, with from about 1 mg to about 1000 mg of anti-substance P antibodies, or anti-substance P antibody fragments, per kilogram of body weight per day being preferred.

IPC 1-7

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Citation (search report)

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