

Title (en)
INTRANASAL ADMINISTRATION OF RECEPTOR-BINDING LIGANDS OR GENES ENCODING SUCH LIGANDS AS A THERAPEUTIC REGIMEN FOR MITIGATING INFECTIONS CAUSED BY RESPIRATORY PATHOGENS

Title (de)
INTRANASALE VERABREICHUNG VON REZEPTORBINDENDEN LIGANDEN ODER SOLCHE LIGANDEN KODIERENDEN GENEN ALS THERAPIEPROGRAMM ZUR ABSCHWÄCHUNG VON DURCH ATEMWEGSKRANKHEITSERREGER HERVORGERUFENEN INFEKTIONEN

Title (fr)
ADMINISTRATION INTRANASALE DE LIGANDS LIANT UN RÉCEPTEUR OU DE GÈNES CODANT POUR LESDITS LIGANDS DANS LE CADRE D'UN SCHÉMA THÉRAPEUTIQUE VISANT À ATTÉNUER LES INFECTIONS PROVOQUÉES PAR DES AGENTS PATHOGÈNES RESPIRATOIRES

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Abstract (en)
[origin: WO2010044921A2] The present invention relates to a receptor-binding ligand either administered intranasally or expressed following intranasal administration from a recombinant vector that expresses at least one therapeutic ligand which binds to a receptor necessary for infection by a respiratory pathogen. The receptor-binding ligand in the respiratory tract not only confers rapid protection as a therapeutic drug but also elicits long-term protective immunity as a vaccine against a respiratory pathogen. This regimen is not compromised by the emergence of drug resistance because the receptor for any pathogen can be blocked by the pathogen's own receptor-binding ligand.

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Cited by
US11535665B2; US10786568B2; US11578341B2; US11827906B2

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