

Title (en)

LYSOZYME FUSION PROTEINS IN INFECTIONS

Title (de)

LYSOZYME FUSIONSPROTEINE GEGEN INFEKTIONEN

Title (fr)

TRAITEMENT D'INFECTIONS AU MOYEN DE PROTEINES DE FUSION LYSOZYME

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0029588A1] A method and composition for prophylaxis and/or therapeutic treatment of bacterial infections, particularly respiratory bacterial infections. A fusion protein of lysozyme and the carboxyl terminal propeptide of surfactant protein-B (SP-B) with the preceding ten amino acids of the mature SP-B peptide, or recombinant lysozyme alone, is administered in a pharmaceutically acceptable medium to an individual. The fusion protein or recombinant lysozyme may be selected so as to deliver it to a target infection site, such as the lungs or gastrointestinal tract. The method and composition eliminates problems associated with conventional antibiotic treatments, such as inefficacy and promotion of antibiotic resistant bacterial strains.

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