

Title (en)

VACCINE COMPOSITIONS COMPRISING LIVE BACTERIAL VECTORS FOR PROTECTION AGAINST YERSINIA PESTIS INJECTION

Title (de)

Auf bakteriellen Vektoren basierende Vakzine, die Schutz gegen Infektionen durch Yersinia pestis gewährt

Title (fr)

COMPOSITIONS POUR VACCINS COMPRENANT DES VECTEURS BACTERIENS VIVANTS POUR LA PROTECTION CONTRE L'INFECTION A YERSINIA PESTIS

Publication

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Application

EP 95904620 A 19941223

Priority

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Abstract (en)

[origin: WO9518231A1] Novel DNA constructs are provided that are capable of transforming microorganisms such that they can be used as live or attenuated vaccines which induce such immune response at mucosal surfaces. Further provided are such transformed microorganisms per se and vaccine compositions containing them. Preferred constructs of the invention are capable of transforming microorganisms such that they express F1 based protein while retaining a capability to establish themselves in human or animal gut environment. Several constructs have been identified that are capable of transforming gut dwelling organisms such as *S. typhimurium* or *S. typhi* to enable F1 antigen production, but most of these affect the organism such that it can no longer function effectively in the gut, at least in so far as it cannot express the antigen e.g. being unstable and losing plasmid.

IPC 1-7

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IPC 8 full level

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