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(54) Title: TREATMENT OF MICROBIAL INFECTIONS

(57) Abstract: The present invention is directed to improved microbial antigen vaccines, pharmaceutical compositions, immunogenic compositions and antibodies and their use in the treatment of microbial infections, particularly those of bacterial origin, including Staphylococcal origin. Ideally, the present invention is directed to a recombinant staphylococcal MSCRAMM or MSCRAMM-like proteins, or fragment thereof, with reduced binding to its host ligand, for use in therapy.

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