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WO 2022/090893 A2

(54) Title: *ESCHERICHIA COLI* COMPOSITIONS AND METHODS THEREOF

(57) Abstract: This invention relates to compositions that include a polypeptide derived from *E. coli* or a fragment thereof; and modified O-polysaccharide molecules derived from *E. coli* lipopolysaccharides and conjugates thereof, and methods of use thereof.