

Title (en)
MAMMALIAN CATIONIC PROTEINS HAVING LIPOPOLYSACCHARIDE BINDING AND ANTI-COAGULANT ACTIVITY

Title (de)
KATIONISCHE SÄUGERPROTEINE WELCHE EINE LIPOPOLYSACCHARID-BINDEAKTIVITÄT UND EINE ANTI-GERINNUNGSAKTIVITÄT HABEN

Title (fr)
PROTEINES CATIONIQUES DE MAMMIFERE A ACTIVITE ANTICOAGULANTE POUVANT SE LIER AUX LIPOPOLYSACCHARIDES

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Application
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Abstract (en)
[origin: WO9402589A1] Compositions and methods for the treatment and diagnosis of lipopolysaccharide-related conditions and coagulant-related disease are provided. Compositions include polypeptides which are identical or homologous to a certain cationic protein (CAP18) obtained from mammalian granulocytes, particularly including a reactive nitrogen inhibiting peptide (RNIP) fragment found at the carboxy-terminus of CAP18. Polypeptides are capable of binding to LPS and inhibiting LPS-mediated activation of macrophage, as well as interfering with the clotting cascade to inhibit coagulation in conditions such as disseminated intravascular coagulation. Compositions comprising the polypeptides in a suitable pharmaceutical carrier are also provided.

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