

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

Publication

EP 0746605 A1 19961211 (EN)

Application

EP 93917249 A 19930715

Priority

- US 9306731 W 19930715
- US 91676192 A 19920717
- US 91676592 A 19920717

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.

IPC 1-7

C12N 1/21; **C12N 15/00**; **C12P 21/00**; **C07K 14/00**

IPC 8 full level

G01N 33/566 (2006.01); **A61K 47/48** (2006.01); **C07H 21/04** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/47** (2006.01); **C07K 14/745** (2006.01); **C12N 1/21** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

C07K 14/4723 (2013.01); **A61K 38/00** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9402589 A1 19940203; AU 4682593 A 19940214; EP 0746605 A1 19961211; EP 0746605 A4 19970416; JP H08504085 A 19960507

DOCDB simple family (application)

US 9306731 W 19930715; AU 4682593 A 19930715; EP 93917249 A 19930715; JP 50460594 A 19930715