26 NOV 2002

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07K 14/00 — A2

(11) International Publication Number: **WO 99/61468**

(43) International Publication Date: 2 December 1999 (02.12.99)

(21) International Application Number: PCT/CA99/00482

(22) International Filing Date: 27 May 1999 (27.05.99)

(30) Priority Data:
60/086,884 27 May 1998 (27.05.98) US

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: THE INDUCTION OF ANTIOBIOTIC PROTEINS AND PEPTIDES BY LAIT/sCD14–PROTEIN

(57) Abstract

A method of ameliorating the symptoms of sepsis comprising directly exposing epithelial cells of a mammal in need thereof to soluble CD14, or active variants thereof. A method of obtaining CD14 from a stock solution containing protein of a mammary secretion is described. A method of directly activating B cells using a soluble polypeptide having the amino acid sequence selected from the group consisting of leu–leu–leu–leu–leu–leu–pro–ser, leu–leu–leu–leu–leu–leu–pro–leu; and leu–leu–leu–leu–leu–leu–val–his, and which is specifically recognized by the monoclonal antibody 3C10 and which activates B cells is described. Bovine CD14 genomic DNA is described.



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