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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61K 38/00, C12N 5/06, 5/08 — A1

(11) International Publication Number: WO 99/55354

(43) International Publication Date: 4 November 1999 (04.11.99)

(21) International Application Number: PCT/EP99/02539

(22) International Filing Date: 15 April 1999 (15.04.99)

(30) Priority Data:
98107602.9 27 April 1998 (27.04.98) EP

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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
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: FERTILITY IMPROVING COMPOSITION AND APPLICATION THEREOF

(57) Abstract

The present invention relates to applications of a dimerized form of lysozyme for the improvement of impaired animal or human fertility. It further relates to the prevention or treatment of reproductive disorders in animals or humans and to the use of a lysozyme dimer for the manufacture of a pharmaceutical composition suitable for such applications, as well as to an improved method for the preservation of human or animal cells, particularly germ cells, and for prolongation of eukaryotic cell life.