

2002041879

10 JUL 2002

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
26 July 2001 (26.07.2001)

PCT

(10) International Publication Number
WO 01/53506 A3

- (51) International Patent Classification⁷: **C12N 15/869**, 7/01, A61K 48/00, C12Q 1/02
- (74) Agent: **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).
- (21) International Application Number: PCT/GB01/00229
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 22 January 2001 (22.01.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- | | | |
|-----------|------------------------------|----|
| 0001475.3 | 21 January 2000 (21.01.2000) | GB |
| 0002854.8 | 8 February 2000 (08.02.2000) | GB |
| 0100288.0 | 5 January 2001 (05.01.2001) | GB |
| 0100430.8 | 6 January 2001 (06.01.2001) | GB |
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): **BIOVEX LIMITED** [GB/GB]; The Windeyer Institute, 46 Cleveland Street, London W1P 6DB (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **COFFIN, Robert, Stuart** [GB/GB]; The Windeyer Institute, 46 Cleveland Street, London W1P 6DB (GB).
- Published:
— with international search report
- (88) Date of publication of the international search report:
23 May 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



162162



ACTION

WO 01/53506 A3

(54) Title: VIRUS STRAINS FOR THE ONCOLYTIC TREATMENT OF CANCER

(57) Abstract: The present invention relates to non-laboratory virus strains, for example of herpes viruses such as HSV, with improved oncolytic and/or gene delivery capabilities as compared to laboratory virus strains.