2003054459

19 AUG 2003

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 September 2002 (26.09.2002)

PCT

(10) International Publication Number
WO 02/074940 A1

(51) International Patent Classification[7]: C12N 7/00, 7/02, A61K 35/76

(21) International Application Number: PCT/CA02/00331

(22) International Filing Date: 11 March 2002 (11.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/276,734 16 March 2001 (16.03.2001) US

(71) Applicant *(for all designated States except US)*: **ONCOLYTICS BIOTECH, INC.** [CA/CA]; Suite 210, 1167 Kensington Crescent N.W., Calgary, Alberta T2N 1X7 (CA).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **COFFEY, Matthew, C.** [CA/CA]; 2231 Bowness Road. N.W., Calgary, Alberta T2N 3L4 (CA). **THOMPSON, Bradley, G.** [CA/CA]; 1775 - 7th Avenue N.W., Calgary, Alberta T2N 0Z5 (CA).

(74) Agent: **DONAHUE LLP**; Ernst & Young Tower, Toronto-Dominion Centre, Suite 1800, 222 Bay Street, P.O. Box 197, Toronto, Ontario M5K 1H6 (CA).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, GQ, 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 receipt of amendments*

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 02/074940 A1

(54) Title: METHOD OF EXTRACTING VIRUS FROM CELL CULTURE

(57) Abstract: The present invention is directed to a method of extracting virus, particularly reovirus, from a culture of cells. Infectious virus can be extracted from the culture with a detergent at a convenient temperature such as 25 °C or 37 °C to produce high virus titers. Both ionic and non-ionic detergents can be used in the present invention.