



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification⁶ : C12N 15/12, C07K 14/705, C12N 5/10, 15/62, C07K 16/28, C12Q 1/68, G01N 33/50</p>	<p>A3</p>	<p>(11) International Publication Number: WO 98/25955</p> <p>(43) International Publication Date: 18 June 1998 (18.06.98)</p>								
<p>(21) International Application Number: PCT/CA97/00969</p> <p>(22) International Filing Date: 15 December 1997 (15.12.97)</p> <p>(30) Priority Data:</p> <table border="0"> <tr> <td>08/767,224</td> <td>13 December 1996 (13.12.96)</td> <td>US</td> </tr> <tr> <td>08/787,721</td> <td>24 January 1997 (24.01.97)</td> <td>US</td> </tr> <tr> <td>08/845,546</td> <td>24 April 1997 (24.04.97)</td> <td>US</td> </tr> </table> <p>(71) Applicant (for all designated States except US): ALLELIX BIOPHARMACEUTICALS INC. [CA/CA]; 6850 Goreway Drive, Mississauga, Ontario L4V 1V7 (CA).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): MUNROE, Donald, G. [CA/CA]; 27 Wakefield Lane, Waterdown, Ontario L0R 2H3 (CA). GUPTA, Ashwani, K. [CA/CA]; 7031 Dunrobin Way, Mississauga, Ontario L5N 6Y4 (CA). VYAS, Tejal, B. [CA/CA]; 275 Riel Drive, Mississauga, Ontario L5B 3K1 (CA). McCALLUM, Kirk [CA/CA]; 3918 Pitch Pine Crescent, Mississauga, Ontario L5L 1P8 (CA). FAN, Ermi [CA/CA]; Apartment #418, 20 Southport Street, Toronto, Ontario M6S 4Y8 (CA).</p> <p>(74) Agent: AITKEN, David, W.; Osler, Hoskin & Harcourt, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).</p>	08/767,224	13 December 1996 (13.12.96)	US	08/787,721	24 January 1997 (24.01.97)	US	08/845,546	24 April 1997 (24.04.97)	US	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>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.</i></p> <p>(88) Date of publication of the international search report: 30 July 1998 (30.07.98)</p>
08/767,224	13 December 1996 (13.12.96)	US								
08/787,721	24 January 1997 (24.01.97)	US								
08/845,546	24 April 1997 (24.04.97)	US								
<p>(54) Title: CLONED GLUCAGON-LIKE PEPTIDE-2 RECEPTORS</p>										
<p>(57) Abstract</p>										
<p>The invention relates to nucleotides and amino acid sequences encoding glucagon-like peptide 2 receptors, recombinant host cells transformed with such nucleotides, and methods of using the same in drug screening and related applications.</p>										

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 97/00969

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 6 C12N15/12 C07K14/705 C12N5/10 C12N15/62 C07K16/28
 C12Q1/68 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 IPC 6 C07K C12N C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DRUCKER D J ET AL: "INDUCTION OF INTESTINAL EPITHELIAL PROLIFERATION BY GLUCAGON-LIKE PEPTIDE 2" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, vol. 93, 1990, pages 7911-7916, XP000650124	19
Y	whole document, especially page 7914, right column + page 7915	1-5, 12, 13
X	WO 96 32414 A (1149336 ONTARIO INC) 17 October 1996 pages 2,3,6,7	19
Y	WO 93 19175 A (THORENS BERNARD) 30 September 1993 abstract, examples 1-3	1-5, 12, 13

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 4 June 1998	Date of mailing of the international search report 10/06/1998
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Holtorf, S
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INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 97/00969

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 04821 A (MERCK & CO INC ;GRAZIANO MICHAEL P (US); BORKOWSKI DOREEN A (US);) 16 February 1995 pages 1-3, page 5 , line 27-33; page 6; example 5 -----	1-19

INTERNATIONAL SEARCH REPORT

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International Application No

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