

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

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 August 2000 (31.08.2000)

PCT

(10) International Publication Number  
WO 00/50902 A3

- (51) International Patent Classification<sup>7</sup>: G01N 33/543, C12Q 1/42, C07K 14/00, C12Q 1/34, 1/25
- (21) International Application Number: PCT/GB00/00669
- (22) International Filing Date: 25 February 2000 (25.02.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
9904398.6 25 February 1999 (25.02.1999) GB
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- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— *With international search report.*
- (88) Date of publication of the international search report:  
14 December 2000
- 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.*



WO 00/50902 A3

(54) Title: HIGH THROUGHPUT ASSAY BASED ON THE USE OF A POLYPEPTIDE BINDING PAIR

(57) Abstract: This invention relates to a method for analysing a sample comprising: immobilising a polypeptide to a physical support; contacting the immobilised polypeptide with a test sample which may contain an agent capable of modifying the immobilised polypeptide; contacting the immobilised polypeptide with a binding partner polypeptide, wherein the binding of this partner polypeptide to the immobilised polypeptide is at least partly dependent on the modification state of the immobilised polypeptide; and measuring the association of the binding partner polypeptide to the immobilised polypeptide.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 00/00669

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 G01N33/543 C12Q1/42 C07K14/00 C12Q1/34 C12Q1/25

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 7 G01N C12Q C07K

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)

EPO-Internal, WPI Data, MEDLINE, CHEM ABS Data, BIOSIS, EMBASE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 35806 A (SCHERING CORPORATION) 14 November 1996 (1996-11-14) page 1, line 34 -page 5, line 6; claims ---	1,8,9, 14-19
X	WO 96 20211 A (LUDWIG INST CANCER RES ;WILKS ANDREW FREDERICK (AU); HARPUR AILSA) 4 July 1996 (1996-07-04) page 7, line 8 -page 11, line 15; examples 1,5 page 25, line 15 -page 27, line 7; claims ---	1,8,9, 12, 14-17,19
X	WO 98 39471 A (TROPIC, INC.) 11 September 1998 (1998-09-11) page 2, line 20 -page 4, line 8; claims ---	1-4,8,9, 13-19
X	EP 0 392 808 A (UNIV GEORGIA) 17 October 1990 (1990-10-17) the whole document ---	1,2
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Patent family members are listed in annex.

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Date of the actual completion of the international search

11 August 2000

Date of mailing of the international search report

22/08/2000

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International Application No

PCT/GB 00/00669

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 98 20024 A (MERCK FROSST CANADA INC.) 14 May 1998 (1998-05-14) abstract; claims ---	10,11
P,X	WO 99 11774 A (FLUORESCIENCE LIMITED) 11 March 1999 (1999-03-11) page 72, line 20 - line 31; claims 70-91,93; example 6 -----	18

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information on patent family members

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