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GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
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GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

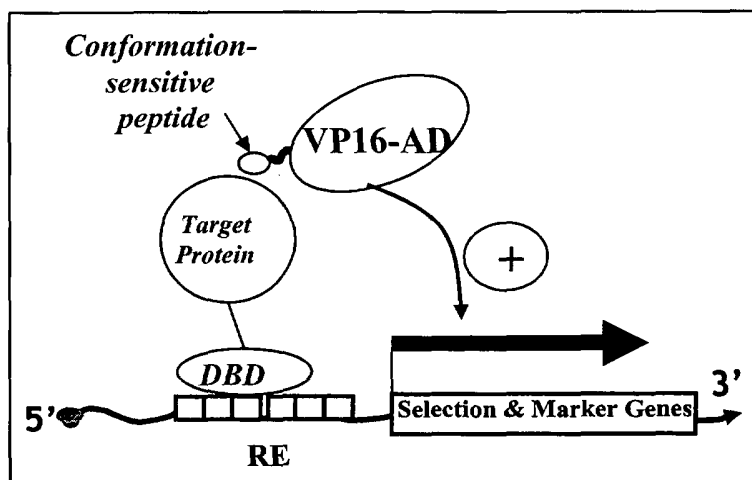
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF SCREENING BY USING CONFORMATION SENSITIVE PEPTIDES



(57) Abstract: The present invention relates to a screening technology that allows the isolation of peptides able to bind to target protein, the binding of which being sensitive to the protein conformation. The invention further provides a method to identify compounds that specifically and precisely modify the protein conformation and its biological activity. Finally, the invention relates to certain peptides obtained by the method of screening of the present invention and their use as therapeutic agent for the prevention or treatment of diseases.

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2005/003323

A. CLASSIFICATION OF SUBJECT MATTER
 INV. G01N33/566 G01N33/68

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)
 G01N 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, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/54728 A (NOVALON PHARMACEUTICAL CORPORATION; PAIGE, LISA, A; HAMILTON, PAUL, T;) 28 October 1999 (1999-10-28) page 16, lines 1-6 page 19, lines 10-19 page 20, lines 1-3,20-22 page 21, lines 13-16 page 24, lines 33-35 page 26, lines 24-37 page 28, lines 7-16 page 29, lines 6-10 page 33, line 4 - page 35, line 12 claims 1-14,18-20 ----- -/--	1-33



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *&* document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2005/003323

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/043420 A1 (FOWLKES DANA ET AL) 4 March 2004 (2004-03-04) cited in the application page 4, right-hand column, paragraph 63 - page 6, right-hand column, paragraph 91 claims 1-55	1-33
X	WO 97/20952 A (SCRIPTGEN PHARMACEUTICALS, INC) 12 June 1997 (1997-06-12) pages 2-3, lines 29-38 - lines 1-16 page 5, lines 1-30 page 6, lines 19-23 page 7, lines 21-38 - page 8 page 10, lines 6-11, 20-24 page 12, lines 1-4 page 14, lines 1-6 claims 1-3	1-3
X	PAIGE ET AL: "Estrogen receptor (ER) modulators each induce distinct conformational changes in ER.alpha. and ER.beta." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 96, no. 7, March 1999 (1999-03), pages 3999-4004, XP002113865 ISSN: 0027-8424 abstract page 4001, right-hand column, paragraph 3 - page 4003 figures 3-5; table 1	1-33
X	NORRIS ET AL: "Peptide antagonists of the human estrogen receptor" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 285, no. 5428, 1999, pages 744-746, XP002113864 ISSN: 0036-8075 the whole document	1-33
A	US 2003/082827 A1 (CRAIG ROGER K ET AL) 1 May 2003 (2003-05-01) abstract	1-33
A	KARIMOVA ET AL: "A bacterial two-hybrid system based on a reconstituted signal transduction pathway" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 95, May 1998 (1998-05), pages 5752-5756, XP002100623 ISSN: 0027-8424 abstract	1-37

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2005/003323

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-33

method of selecting test compounds

2. claims: 34-36 partially

SEQ ID NO 17 and use of it

3. claims: 34-36 partially

SEQ ID NO 18 and use of it

4. claims: 34-36 partially

SEQ ID NO 19 and use of it

5. claims: 34,35 and 37 partially

SEQ ID NO 20 and use of it

6. claims: 34,35 and 37 partially

SEQ ID NO 21 and use of it

7. claims: 34,35 and 37 partially

SEQ ID NO 22 and use of it

8. claims: 34,35 and 37 partially

SEQ ID NO 23 and use of it

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2005/003323

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			AU 3209199 A	08-11-1999
			CA 2329738 A1	28-10-1999
			EP 1073891 A2	07-02-2001
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			EP 0865502 A1	23-09-1998
			JP 2000502440 T	29-02-2000
US 2003082827	A1	01-05-2003	NONE	