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(71) Applicant (for all designated States except US):
DANA-FARBER CANCER INSTITUTE, INC.
[US/US]; 44 Binney St., Boston, MA 02115 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **KUFE, Donald, W.**
[US/US]; 179 Grove St., Wellesley, MA 02482 (US).

(74) Agent: **DE LA PAZ, Monica, A.; FULBRIGHT & JAWORSKI L.L.P.**, 600 CONGRESS AVENUE, Suite 2400, Austin, TX 78701 (US).

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(54) Title: MODULATION OF MUC1-DEPENDENT ANTI-ESTROGEN RESISTANCE

(57) Abstract: The present invention provides methods for identification and use of compounds that modulate the association of MUC1 with estrogen receptors and thereby antagonize MUC1-related resistance to anti-estrogen treatment.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/020383A. CLASSIFICATION OF SUBJECT MATTER
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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)
GOIN

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, Sequence Search, WPI Data, BIOSIS, EMBASE, INSPEC, FSTA, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/058450 A2 (DANA FABER CANCER INST INC [US]; KUFFE DONALD W [US]) 1 August 2002 (2002-08-01) claim 1 page 21, line 25 - page 29, line 10	1-12
A	WO 2004/092339 A2 (ILEX PRODUCTS INC [US]; ARBOR VITA CORP [US]; DANA FARBER CANCER INST) 28 October 2004 (2004-10-28) claims 1-20 page 2, line 7 - page 3, line 8 page 6, line 1 - line 29 page 29, line 12 - page 30, line 26 ----- -/--	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

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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/

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

VAN DER KOOIJ, M

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MCGUCKIN MICHAEL A ET AL: "Prognostic significance of MUC1 epithelial mucin expression in breast cancer" HUMAN PATHOLOGY, vol. 26, no. 4, 1995, pages 432-439, XP008073745 ISSN: 0046-8177 abstract</p>	1-12
A	<p>WO 96/03502 A2 (UNIV RAMOT [IL]; WRESCHNER DANIEL H [IL]) 8 February 1996 (1996-02-08) figure 11 page 29, paragraph 3</p>	1-12
A	<p>POROWSKA H ET AL: "MUC1 expression in human breast cancer cells is altered by the factors affecting cell proliferation" NEOPLASMA, VEDA, PUBLISHING HOUSE OF SLOVAK ACADEMY OF, CS, vol. 49, no. 2, 2002, pages 104-109, XP009045815 ISSN: 0028-2685 abstract figure 1</p>	1-12
P, X	<p>WEI XIAOLONG ET AL: "MUC1 oncoprotein stabilizes and activates estrogen receptor alpha" MOLECULAR CELL, vol. 21, no. 2, January 2006 (2006-01), pages 295-305, XP002415115 ISSN: 1097-2765 the whole document</p>	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

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