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(54) Title: METHODS AND COMPOSITIONS RELATED TO MODULATION OF RECEPTOR TYROSINE KINASE ORPHAN RECEPTOR-1 (ROR-1)

(57) Abstract: The present invention relates to the discovery of the role of tyrosine kinase orphan receptor-1 (ROR-1) and its interactions with glucose-regulated protein 78 (GRP78) and Wnt in processes such as angiogenesis and apoptosis. The invention provides diagnostic methods based on ROR-1 and GRP78, as well as methods of modulating ROR-1, antibodies specific for ROR-1, GRP78, and Wnt, and related screening methods.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/087542

A. 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, WPI Data, MEDLINE, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2004/094641 A (WYETH) 4 November 2004 (2004-11-04) page 14, lines 17-32; claims 20-92	1-88
Y	KATOH MASUKO ET AL: "Comparative genomics on ROR1 and ROR2 orthologs" ONCOLOGY REPORTS, NATIONAL HELLENIC RESEARCH FOUNDATION, ATHENS, GR, vol. 14, no. 5, 1 November 2005 (2005-11-01), pages 1381-1384, XP009100071 ISSN: 1021-335X page 1384, left-hand column	1-88
Y	WO 2006/039173 A (ABBOTT LABORATORIES) 13 April 2006 (2006-04-13) claims 1-18	1-88

Further documents are listed in the continuation of Box C.

See patent family annex.

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O document referring to an oral disclosure, use, exhibition or other means

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

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

R document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHEN LIGUANG ET AL: "Expression of ROR1 in chronic lymphocytic leukemia cells enhances cells survival by Wnt5a signaling" BLOOD, vol. 110, no. 11, Part 1, November 2007 (2007-11), page 107A, XP009100073 & 49TH ANNUAL MEETING OF THE AMERICAN-SOCIETY-OF-HEMATOLOGY; ATLANTA, GA, USA; DECEMBER 08 -11, 2007 ISSN: 0006-4971 the whole document	1-88

INTERNATIONAL SEARCH REPORT

Information on patent family members

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		BR PI0409567 A	18-04-2006
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