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[CN/US]; 34618 Claythorne Drive, Solon, OH 44139 (US).

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(74) Agents: **CARROLL, Peter, G.** et al.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).

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(71) Applicants (*for all designated States except US*): **UNIVERSITY HOSPITALS OF CLEVELAND** [US/US]; 11100 Euclid, Cleveland, OH 44106 (US). **THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF THE MILITARY MEDICINE, INC.** [US/US]; 1401 Rockville Pike, Suite 600, Rockville, MD 20852 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **GORODESKI, George** [US/US]; 25154 Bridgeton Drive, Beachwood, OH 44122 (US). **FENG, Ying-Hong** [US/US]; 21534 Fox Field Circle, Germantown, MD 20876 (US). **LI, Xin**

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(54) Title: TRUNCATED PROTEINS AS CANCER MARKERS

(57) Abstract: Methods/reagents for detecting and/or treating cancers or potential cancers are disclosed. In one embodiment, methods and reagents for detecting truncated forms of P2X<sub>7</sub> protein in cells are described. In one embodiment, methods and reagents for increasing the amount and/or activity of full-length P2X<sub>7</sub> in cells are described. In one embodiment, methods and reagents for decreasing the amount and/or activity of truncated P2X<sub>7</sub> in cells are described.



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/05304

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>C07H 21/04( 2006.01);C07K 14/82( 2006.01),16/30( 2006.01);C12P 21/06( 2006.01);G01N 33/574( 2006.01)</b>  USPC: <b>435/7.23,320.1,325,69.1;530/350,388.8;536/23.5</b> According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) U.S. : 435/7.23, 320.1, 325, 69.1; 530/350, 388.8; 536/23.5  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 practicable, search terms used) Please See Continuation Sheet		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Cheewatrakoolpong et al. (Biochem. Biophys. Res. Commun. 332:17-27 (2005))	1-4
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> 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	"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
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"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
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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# INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

Text search of sequence for SEQ ID NO:1 in WEST; search for P2X7 protein variant or polymorphism or SNP in PubMed and WEST