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(54) Title: METHOD FOR IDENTIFYING MODULATORS OF KEAH6 USEFUL FOR TREATING ALZHEIMER'S DISEASE

(57) Abstract: Methods for identifying modulators of KEAH6 are described. The methods are particularly useful for identifying analytes that antagonize KEAH6's effect on processing of amyloid precursor protein to A β peptide and thus useful for identifying analytes that can be used for treating Alzheimer disease.

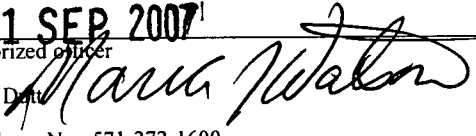


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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/23144

A. CLASSIFICATION OF SUBJECT MATTER IPC: G01N 33/53(2006.01);C12P 19/34(2006.01);21/06(2006.01);A61K 49/00(2006.01) USPC: 435/7.2,91.1,69.1;424/9.2 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) U.S. : 435/7.2,91.1,69.1;424/9.2 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		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	STRACHAN et al. Fetal ALZ-50 clone 1 interacts with the human ortholog of the Kelch-like Ech-associated protein. Biochem 2004, Vol. 43, pages 12113-22, see entire article	1-10
A	DINKOVA-DOSTOVA et al. The role of KEAP1 in cellular protective responses. Chem Res Toxicol. 2005, Vol 18, pages 1779-1791. see entire document.	1-10
A	US Patent Publication no.20030152921A1 (DUMAS et al), 14 August 2003 (14.08.2003), para 1194-1199.	1-10
☐ 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	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 19 July 2007 (19.07.2007)		Date of mailing of the international search report 21 SEP 2007
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Aditi Datta  Telephone No. 571-272-1600

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Continuation of B. FIELDS SEARCHED Item 3:

STN (BIOSIS, MEDLINE, DISSABS, SCISEARCH, EMBASE, BIOTECHNO); WEST (PGPB, USPT, USOC, EPAB, JPAB, DWPI)

Search terms: amyloid precursor protein, APP, Abeta, KEAH6, KEAH6 antagonist, kelch repeat, keap1, Alzheimer, inventor's name