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(54) Title: METHODS AND COMPOSITIONS FOR IMPROVING COGNITIVE FUNCTION

(57) Abstract: The invention relates to methods and compositions for improving cognitive function by using a combination of valproic acid and analogs and derivatives thereof ("valproate") and an acetylcholinesterase inhibitor (AChEI). In particular, it relates to the use of a combination of a valproate and an AChEI in treating age-related cognitive impairment in a subject in need or at risk thereof, including, without limitation, subjects having or at risk for Mild Cognitive Impairment (MCI), Age-Associated Memory Impairment (AAMI) or Age-Related Cognitive Decline (ARCD).

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2009/003030

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/19 A61K31/445 A61P25/28

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)

A61K

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, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BORKOWSKA A ET AL: "P.5.a.005 Possible benefits of valproate addition to donepezil treatment in Alzheimer's disease" EUROPEAN NEUROPSYCHOPHARMACOLOGY, ELSEVIER SCIENCE PUBLISHERS BV, AMSTERDAM, NL, vol. 16, 1 January 2006 (2006-01-01), page S478, XP025110615 ISSN: 0924-977X [retrieved on 2006-01-01] the whole document	1-25
A	US 2005/090449 A1 (FUCHS KLAUS [DE] ET AL) 28 April 2005 (2005-04-28) paragraph [0162]	1-25

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005090449	A1	NONE	28-04-2005