Abstract:
The present invention relates to the use of agents that inhibit the toxic effects of amyloid oligomers by increasing intracellular levels of phosphoinositol 4-phosphate (PI(4)P, or "PIP") and/or phosphatidylinositol 4,5-bisphosphate (PI(4,5)P2 or "PIP2"). The use of such agents for the treatment of neurodegenerative diseases, methods of treating neurodegenerative diseases by administration of agents which alter lipid metabolism, and methods of identifying agents which alter the association of presenilins with γ-secretase and lipid rafts.
INTERNATIONAL SEARCH REPORT

International application No
PCT/US07/85274

A CLASSIFICATION OF SUBJECT MATTER
IPC A61P 25/28( 2006 01)

USPC 514/161

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)
US 514/161

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)

C DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
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<tbody>
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<td>A</td>
<td>Snyder, E M Regulation of NMDA receptor trafficking by amyloid-b \  NATURE NEUROSCIENCE VOLUME 8, NUMBER 8, AUGUST 2005</td>
<td>1-50</td>
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Further documents are listed in the continuation of Box C

See patent family annex

Date of the actual completion of the international search
21 August 2008 (21082008)

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