Title: HISTONE DEACETYLASE INHIBITORS FOR THE TREATMENT OF MULTIPLE SCLEROSIS, AMYOTROPHIC LATERAL SCLEROSIS AND ALZHEIMER’S DISEASE!

Abstract: The present invention provides therapies for Alzheimer’s Disease (AD), multiple sclerosis (MS) and amyotrophic lateral sclerosis (ALS). The method relies on the use of an HDAC inhibitor, alone or in combination with other drugs, to prevent or treat AD, MS or ALS. Also provided are methods of screening for additional HDAC inhibitors with particular efficacy against these disease states.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : A61K 31/56, 31/425, 31/19
US CL : 514/169, 171, 575, 367
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. : 514/169, 171, 575, 367

documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
PDR, The Merck Manual

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Electronic Ovid Bood, medline

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>ARKY et al. PHYSICIAN'S DESK REFERENCE, Ed. 51, 1997, see pages 2198-2201.</td>
<td>10, 36</td>
</tr>
<tr>
<td>Y</td>
<td>BERDOW et al. The Merck Manual of Medical Information, see pp. 347-351 and 361-362.</td>
<td>1-72</td>
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</tbody>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search: 24 July 2003 (24.07.2003)

Date of mailing of the international search report: 28 JAN 2005

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. (703) 305-3230

Authorized officer
Sreeni Padma
Telephone No. (571) 272-1600

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