Title: NEURODEGENERATIVE DISORDER TREATMENT USING GDNF SECRETING NEURAL CELLS

Abstract: A method of treating brain disorders involving loss of cells that respond to GDNF is disclosed. In one embodiment, the invention comprises the steps of (a) transducing human neural stem cells with glial-derived neurotrophic factor (GDNF), wherein the GDNF gene is under control of an inducible promoter system, and (b) transplanting the transduced cells into the brain of a patient.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 5/08; 15/35; 15/36; C07H 21/04; C07K 17/00; A61K 48/00
US CL : 424/93.1; 433/325; 366; 368; 530/599; 556/23.1

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. : 424/93.1; 433/325; 366; 368; 530/599; 556/23.1

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

<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>
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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
22 July 2003 (22.07.2003)

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
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Date of mailing of the international search report
16 SEP 2003

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[Signature]

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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