Title: METHODS FOR PROMOTING HAIR GROWTH

Abstract: This disclosure reveals that cyclic corticotrophin releasing factor (CRF) antagonist peptides (such as astressin B, its functional fragments, and their derivatives) induce hair growth and prevent hair loss in vivo. This important discovery enables, for instance, methods of promoting hair growth, and methods of treating hair loss (such as the hair loss that occurs normally in some individuals or that is the result of a health disorder or therapeutic treatment). Exemplary cyclic CRF antagonist peptides useful in the disclosed methods are provided throughout the disclosure.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 3/12i (2006.01)

USPC: 530/306

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.: 530/306

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)

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>
</thead>
<tbody>
<tr>
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<td><strong>------------</strong></td>
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<tr>
<td>Y</td>
<td>US 6,323,312 (River et al) 27 Nov 2001, abstract, claim 1</td>
<td>1-24</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,767,152 (Nielsen et al) 16 June 1998, column 3 lines 41-54, column 19 lines 4-6</td>
<td>1-24</td>
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<tr>
<td>Y</td>
<td>US 2003/0086903 (Rasmussen et al) 8 May 2003, section 0091</td>
<td>1-24</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search: 06 August 2008 (06.08.2008)

Date of mailing of the international search report: 22 August 2008

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

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Form PCT/ISA/210 (second sheet) (April 2007)
Continuation of B. FIELDS SEARCHED Item 3:
EAST search (uspgpub,uspat,usocr,fpr,ec,ecoc,sp,iserw) with search terms: hair, alopecia, follicle, crf, crh, cortico/leberin, corticotropin, astrassin, destressin, chemotherapy, radiation
STN search (catplus,biosis,embase,medline,scisearch) with search terms: hair, alopecia, follicle, crf, crh, cortico/leberin, corticotropin, astrassin, destressin, chemotherapy, radiation
STIC structure search - see score content