DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH OXYTOCIN RECEPTOR (OXTR)

The invention provides a human OXTR which is associated with the hematological diseases, cardiovascular diseases, disorders of the peripheral and central nervous system, cancer diseases, respiratory diseases, metabolic diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of hematological diseases, cardiovascular diseases, disorders of the peripheral and central nervous system, cancer diseases, respiratory diseases, metabolic diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of OXTR as well as pharmaceutical compositions comprising such compounds.
A. CLASSIFICATION OF SUBJECT MATTER
IPC 7  G01N33/74  C07K14/72  A61K38/00

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)
IPC 7  G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practical, search terms used)
EPO-Internal, EMBASE, MEDLINE, BIOSIS

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>
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<tr>
<td>X</td>
<td>WO 02 32864 A (CHURCH DENNIS; QUATTROPANI ANNA (CH); SCHEER ALEXANDER (CH); SCHWA) 25 April 2002 (2002-04-25) abstract; claims 17,18</td>
<td>19-21, 23-26</td>
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:
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Date of the actual completion of the international search
8 October 2003

Date of mailing of the international search report
10/11/2003

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