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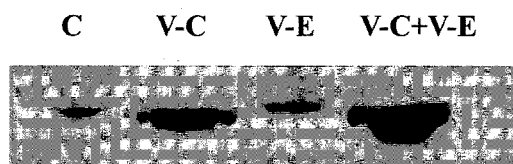
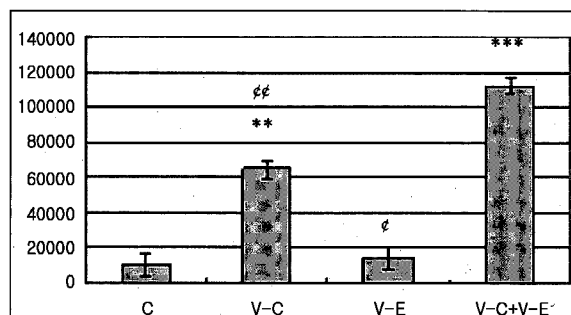
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(54) Title: VITAMIN C AND VITAMIN E AS AN EXPRESSION ENHANCER OF TYROSINE HYDROXYLASE AND NURRL FOR INCREASING A PRODUCTIVITY OF DOPAMINE IN VENTRAL MESENCEPHALON

[Fig. 1]

A**B**(57) Abstract: The present invention provides vitamin C and vitamin E, which work as the expression enhancers of tyrosine hydroxylase and Nurrl in the VM for generating dopamin neurons. The above expression enhancers are characterized in that contents of them are both from 0.4 to 0.6mM vitamin C and from 0.8 to 1.2 μ M vitamin E on 106 rat fetal VM cells and the above cells are characterized in that they are collected from GD 13.5 rat VM cells.



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A. CLASSIFICATION OF SUBJECT MATTER**A61K 31/375(2006.01)i**

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 8 as above

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)

eKIPASS(KIPO internal), PubMed, NCBI, Esp@snet, PAJ, USPTO, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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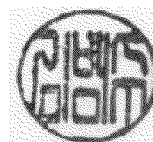
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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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Information on patent family members

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