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(54) Title: METHODS OF TREATMENT USING GLYCOPEGYLATED G-CSF

(57) Abstract: The present invention provides a glycopegylated G-CSF that is therapeutically active and which has pharmacokinetic parameters and properties that are improved relative to an identical, or closely analogous, G-CSF peptide that is not glycopegylated. Furthermore, the invention provides methods for mobilizing hematopoiesis in a subject, particularly a subject who has received or will receive radiation or chemotherapy treatment. The methods and compositions of the invention can further be used to prevent, alleviate and treat the myelosuppressive effects such therapies.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: C07K 1/00(2006.01)

USPC: 514/12

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. : 514/12

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20070014759 DeFrees 18 January 2007 (18.01.2007), whole document, especially, [0002-0009] and claims 10, 11, and 21.	1-43
X	DEFREES et al. GlycoPEGylation of recombinant therapeutic proteins produced in Escherichia coli. Glycobiology. 2006 Sep;16(9):833-443. whole document	1-43

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O"	document referring to an oral disclosure, use, exhibition or other means	
"P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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