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(54) Title: ATTENUATION OF THE ADAPTIVE IMMUNE RESPONSE

(57) Abstract: The present invention encompasses compositions and methods for attenuating a host's immune system response to a graft, by administering an IL-1 receptor antagonist to a host, thereby improving clinical outcomes for host recipients of grafts.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US08/00730

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **A61K 38/17( 2006.01),39/395( 2006.01).**

USPC: 424/130.1,144.1;514/8  
 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. : 424/130.1, 144.1; 514/8

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE

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**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,337,072 B1 (FORD et al.) 08 January 2002, see entire document.	1-19
Y	US 2004/0170626 A1 (SCHUURMAN et al.) 02 September 2004, see entire document.	1-19

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"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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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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**INTERNATIONAL SEARCH REPORT**

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Continuation of B. FIELDS SEARCHED Item 3:  
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search terms: pober, rao, IL-1R, IL-1 receptor, antagoni?, suppress? , inhibit?, treat?, therap?, graft? , transplant?, stroke