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(54) Title: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS

(57) Abstract: The invention relates to compositions that can be used to treat, prevent, and modulate pain, inflammation, and metabolic processes in various organisms including plants and animals. Such compositions can be formulated with an acceptable pharmaceutical excipient for administration to a human or a plant. The compositions can be administered topically or for systemic use.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/070534**A. CLASSIFICATION OF SUBJECT MATTER***C07K 7/08(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 C07K, A61K

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)

PubMed(key word: FLPS, opioid peptide, pain)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/068768 A2 (SKUBATCH, H.) 29 June 2006 See abstract, Table V and figures	1 - 5
A	HRUBY, V.J. et al. 'Design of novel peptide ligands which have opioid agonist activity and CCK antagonist activity for the treatment of pain.' Life Sciences, 2003, Vol. 73, pp699-704 See abstract and tables	1 - 5
A	HRUBY, V.J. & AGNES, R.S. 'Conformation-Activity Relationships of Opioid Peptides with Selective Activities at Opioid Receptors.' Biopolymer, 1999, Vol. 51, pp391-410 See abstract and tables	1 - 5

 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

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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

"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

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"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

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2006-068768 A2	29.06.2006	AU 2005-319578 A1 CA 2587985 A1 EP 1814575 A2 JP 2008-521402 US 2006-154863 A1 US 2007-185029 A1	29.06.2006 29.06.2006 08.08.2007 26.06.2008 13.07.2006 09.08.2006