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(54) Title: ENCAPSULATED TRANSFER FACTOR COMPOSITIONS AND METHODS OF USE

(57) Abstract: Compositions comprising transfer factor and/or glucan, such as hybrid glucan, coated with a hydrophobic or lipid coating. The composition can be combined with nutraceuticals including zinc, essential fatty acids, lactic acid generating bacteria, etc. Also provided are methods for prevention and treatment of animal pathologies using these compositions as well as methods for making them.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/17316

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>				
IPC(7) : A61K 9/127, 50, 52 US CL : 424/450, 489, 498				
According to International Patent Classification (IPC) or to both national classification and IPC				
<b>B. FIELDS SEARCHED</b>				
Minimum documentation searched (classification system followed by classification symbols) U.S. : 424/450, 489, 498				
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) Please See Continuation Sheet				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X --- Y	US 4,435,384 A (WARREN) 06 March 1984 (06.03.1984), abstract, columns 2-4 and claims.	1, 9-10, 12 & 15		
Y	US 6,534,259 B1 (WAKEFIELD) 18 March 2003 (18.03.2003), abstract, col. 1, lines 4-8, col. 3, line 20 through col. 4, line 56, Examples and claims.	1, 9, 11, 12, 15 & 23		
Y	US 4,761,402 A (WILLIAMS et al) 02 August 1988 (02.08.1988), abstract, col. 6, line 40 through col. 7, line 2, col. 17, line 49 through col. 18, line 6 and claims.	1-41		
Y	US 6,506,413 B1 (RAMAEKERS) 14 January 2003 (14.01.2003), abstract, col. 1, lines 10-49, col. 5, line 14 through col. 7, line 65, col. 8, line 18 through col. 9, line 12, Examples and claims.	1-41		
Y	US 5,190,775 A (KLOSE) 02 March 1993 (02.03.1993), abstract, col. 1, lines 11-58, col. 3, line 3 through col. 4, line 41, Examples and claims.	1-41		
X --- Y	JP 02004024109 A (TSUBAKI et al) 29 January 2004 (29.01.2004), abstract.	23 & 33 ----- 1-41		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">                 * Special categories of cited documents:                  "A" document defining the general state of the art which is not considered to be of particular relevance                  "E" earlier application or patent published on or after the international filing date                  "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)                  "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             </td> <td style="width: 50%; border: none;">                 "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                  "&amp;" document member of the same patent family             </td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "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) "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 "&" document member of the same patent family
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner of Patents P.O. Box 1450 Alexandria, Virginia 22313-1450		Authorized officer <i>J. Roberts for</i> Gollamudi S. Kishore, Ph.D Telephone No. (571) 272-1600		
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Continuation of B. FIELDS SEARCHED Item 3:

West:

Search terms: transfer factor, encapsulated, coat, hydrophobic, lipid, oil, liposome, glucan, hybrid glucan, herpes, pylori, champobactor, chlamydia, inflammation, heart, vascular.