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KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PHARMACEUTICAL FORMULATIONS OF AMYLOID INHIBITING COMPOUNDS

(57) Abstract: Therapeutic formulations and methods for inhibiting amyloid deposition in a subject, whatever its clinical setting, are described. Therapeutic formulations and methods for preventing or treating amyloidosis and/or amyloid-related disease are also described.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002381

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/00 A61K31/185 A61K9/22 A61K9/32 A61P25/00
A61P25/28 A61P3/10 A61P43/00 A61P31/12 A61P31/04

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 7 A61K A61P

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2004/058239 A (BELLINI FRANCESCO ; GERVAIS FRANCINE (CA); NEUROCHEM INTERNATIONAL LTD) 15 July 2004 (2004-07-15) abstract page 35, paragraph 3 - page 39, paragraph 1; claims ----- -/--	1-22, 24-41, 43,44, 53-73, 82, 90-97, 101-127

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° 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 document but published on or after the international filing date

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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.

"&" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

21. 04. 2005

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002381

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/28187 A (KISILEVSKY ROBERT ; SZAREK WALTER (CA); UNIV KINGSTON (CA); WEAVER DON) 19 September 1996 (1996-09-19) abstract page 17, paragraph 3 - page 20, paragraph 3; claims; example 6 -----	1-22, 24-41, 43, 53-72, 82, 90-97, 101-127
X	WO 94/22437 A (UNIV KINGSTON) 13 October 1994 (1994-10-13) abstract page 13, line 33 - page 16, line 2; claims; example 6 -----	1-22, 24-41, 43, 53-72, 82, 90-97, 101-127
X	WO 99/59571 A (NEUROCHEM INC) 25 November 1999 (1999-11-25) abstract page 32, line 24 - page 38, line 18; claims 1-13,15-26,28-41 -----	1-22, 24-41, 43, 53-72, 82, 90-97, 101-127
X	WO 01/85093 A (NEUROCHEM INC) 15 November 2001 (2001-11-15) abstract page 26, line 25 - page 31, line 25 page 32, line 13 - line 17; claims -----	1-22, 24-41, 43, 53-72, 82, 90-97, 101-127
X	"Remington's Pharmaceutical Sciences" 1980, MACK PUBLISHING COMPANY, EASTON, PENNSYLVANIA, XP002304983 page 1585 - page 1593 -----	101,120
A		1-82, 90-97, 102-119, 121-127
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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KISILEVSKY R ET AL: "ARRESTING AMYLOIDOSIS IN VIVO USING SMALL-MOLECULE ANIONIC SULPHONATES OR SULPHATES: IMPLICATIONS FOR ALZHEIMER'S DISEASE" NATURE MEDICINE, NATURE PUBLISHING, CO, US, vol. 1, no. 2, 1 February 1995 (1995-02-01), pages 143-148, XP000611547 ISSN: 1078-8956 the whole document -----	1-82, 90-97, 101-127

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/002381

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-52,82,90-93,116,117,121-123,126 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-82, 90-97, 101-127

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-82,90-97,101-127

Method for inhibiting amyloid deposition with a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

Composition for inhibiting amyloid deposition comprising a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

2. claims: 83,100

Method for inhibiting the binding of a chemokine to a glycosaminoglycan with a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

Composition for inhibiting the binding of a chemokine to a glycosaminoglycan comprising a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

3. claims: 84-86,99

Method for modulating interaction between a bacterium and a glycosaminoglycan with a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

Composition for modulating interaction between a bacterium and a glycosaminoglycan comprising a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

4. claims: 87-89,98

Method for modulating interaction between a virus and a glycosaminoglycan with a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

Composition for modulating interaction between a virus and a glycosaminoglycan comprising a therapeutic compound formulated to reduce or prevent gastrointestinal intolerance.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/002381

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Interr

Application No

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