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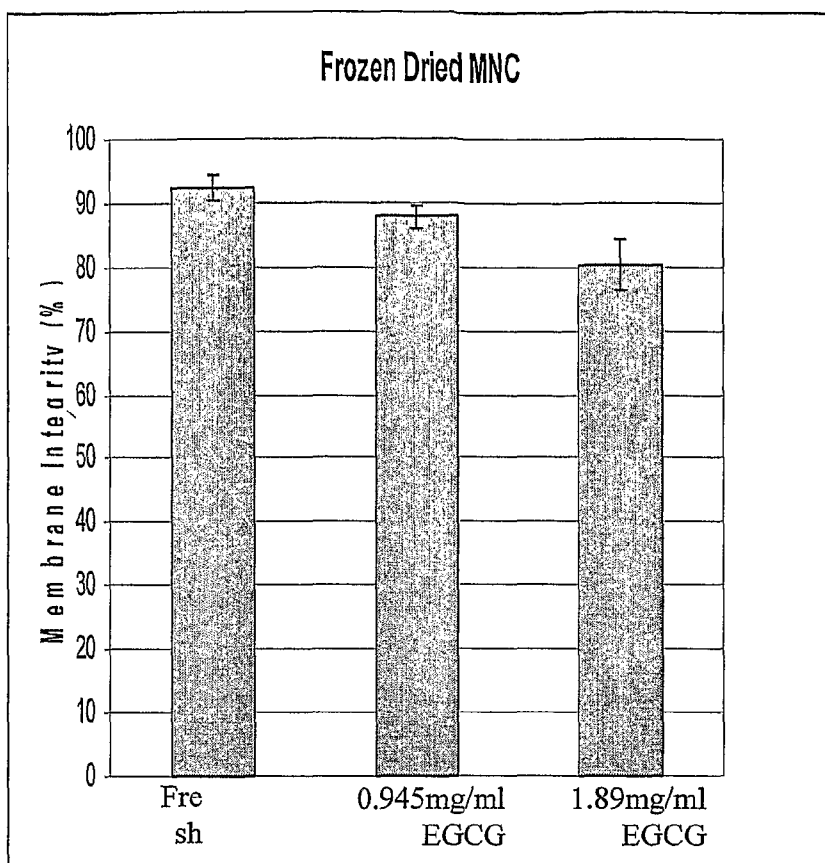
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[Continued on next page]

(54) Title: SOMATIC CELLS FOR USE IN CELL THERAPY



(57) Abstract: The present invention generally concerns cell therapy and products for use in such therapy. Particularly, the invention provides a preserved cell preparation essentially free of one or more members of a group of cryoprotecting agents consisting of polyalcohols, DMSO and cryoprotecting proteins, the preserved cell preparation comprising somatic cells and at least one polyphenol, wherein upon reconstitution of cells in the cell preparation, at least a portion of said stem cells are viable, said portion being sufficient for use of the cell preparation in stem cell therapy. The invention also provides cells reconstituted from preserved somatic cells, and the use of the reconstituted cells in cell therapy. A preferred cell preparation in accordance with the invention comprises stem cells, preferably human stem cells.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A01N

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, BIOSIS, MEDLINE, EMBASE

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☒ 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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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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G(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL2006/000902

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:
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.:

1-17, 22-36, 41

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: 1-17,22-36,41

A preserved cell preparation according to claim1;
a reconstituted cell preparation according to claim 22;
a somatic cell transplantation kit according to claim 41.

2. claims: 18-21, 37-40

Use of a preserved cell preparation according to claim 18;
a method of treating a subject in need of somatic cell
transplantation according to claim 37.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2006/000902

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