Title: STEM-PROGENITOR CELL SPECIFIC MICRO-RIBONUCLEIC ACIDS AND USES THEREOF

Abstract: Provided herein are methods and compositions for modulating the differentiation of incompletely differentiated cells, such as stem-progenitor cells, e.g. hematopoietic stem- progenitor cells. A method may comprise contacting a cell with an agonist or an antagonist of a miRNA comprising a nucleotide sequence from SEQ ID NO: 1-34.
# INTERNATIONAL SEARCH REPORT

International application No. PCT/US07/24845

## A. CLASSIFICATION OF SUBJECT MATTER

| IPC:  | C07H 21/02(2006.01); A61K 31/70(2006.01); A01N 65/00(2006.01); C12N 5/00(2006.01) |

USPC: 536/23.1; 514/44; 424/93.1, 93.2, 93.21; 435/325

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.: 536/23.1; 514/44; 424/93.1, 93.2, 93.21; 435/325

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

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
</table>

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
- **"E"** earlier application or patent published on or after the international filing date
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Document member of the same patent family

Date of the actual completion of the international search: 08 July 2008 (08.07.2008)

Date of mailing of the international search report: 11 SEP 2008

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer

Q. JANICE LI, M.D.
Q. JANICE LI, M.D.
Telephone No. 800-786-9199