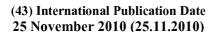
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(54) Title: METHODS FOR MODULATING ADIPOCYTE EXPRESSION USING MICRORNA COMPOSITIONS

(57) Abstract: Disclosed are compositions and methods useful for modulating adipocyte differentiation and/or development. Also disclosed are compounds, compositions, and methods useful for altering the expression and/or activity of one or more genes involved in pathways relating to adipogenesis and/or adipocyte activity both in vitro and in vivo. In particular, the present invention provides small interfering nucleic acid molecules, and in particular, micro-RNA and miR-155-derived molecules, and methods for their use in altering the expression, regulation, or accumulation of one or more adipogenic or anti-adipogenic genes or a gene products in a mammal.

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Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER INV. C12N15/113 A61K31/713 ADD. A61P3/06 A61P3/10

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)

Category* Citation of document, with indication, where appropriate, of the relevant passages

C12N 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 practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data

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Name and n	nailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Fax: (+31–70) 340–3016	Authorized officer Andres, Serge					

3

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3

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