

Title (en)

METHOD AND DEVICE FOR IDENTIFYING SUBSTANCES CAPABLE OF MODULATING ADIPOCYTE DIFFERENTIATION

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON SUBSTANZEN DIE DIE ADIPOZYTEN-DIFFERENZIERUNG MODULIEREN

Title (fr)

METHODE D'IDENTIFICATION DE SUBSTANCES CAPABLES DE MODULER LA DIFFERENCIATION ADIPOCYTAIRE

Publication

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Application

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Abstract (en)

[origin: WO03060106A1] The invention concerns a method for identifying compounds capable of modulating adipocyte differentiation, which consists in contacting the compound to be tested with genetically modified pre-adipocyte cells overexpressing the REV-ERB-ALPHA receptor and measuring the adipocyte differentiation of said genetically modified cells with the adipocyte differentiation of same said genetically modified pre-adipocyte cells in the absence of said compound to be tested. The invention also concerns genetically modified pre-adipocyte cells overexpressing the REV-ERB-ALPHA receptor as well as the method for preparing said cells.

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IPC 8 full level

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Citation (search report)

See references of WO 03060106A1

Citation (examination)

BRUN R.P. ET AL: "Differential activation of adipogenesis by multiple PPAR isoforms", GENES AND DEVELOPMENT, vol. 10, no. 8, 15 April 1996 (1996-04-15), COLD SPRING HARBOR, NY, US, pages 974 - 984, XP000577792

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