

Title (en)

METHODS FOR THE INTERCELLULAR TRANSFER OF ISOLATED MITOCHONDRIA IN RECIPIENT CELLS

Title (de)

VERFAHREN ZUR INTERZELLULÄREN ÜBERTRAGUNG VON ISOLIERTEN MITOCHONDRIEN IN EMPFÄNGERZELLEN

Title (fr)

PROCÉDÉS DE TRANSFERT INTERCELLULAIRE DE MITOCHONDRIES ISOLÉES DANS DES CELLULES RECEVEUSES

Publication

EP 3169338 A1 20170524 (EN)

Application

EP 15738898 A 20150715

Priority

- EP 14306154 A 20140716
- EP 2015066190 W 20150715

Abstract (en)

[origin: WO2016008937A1] The present invention relates to methods for the intercellular transfer of isolated mitochondria in recipient cells. In particular, the present invention relates to a method for the intercellular transfer of an amount of mitochondria isolated from a population of donor cells into a population of recipient cells comprising the step of i) centrifuging the population of recipient mammalian cells in presence of the isolated mitochondria at centrifugation force ranging from 1000g to a 2000g at a temperature ranging from 1 °C to 8 °C and for a time ranging from 5min to 30min, ii) resting the centrifuged cells at a temperature ranging from 30 °C to 40 °C for a time ranging from 90min to 180min, and iii) repeating the cycling of steps i) and ii) for a sufficient number of times for reaching transfer efficiency.

IPC 8 full level

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CPC (source: EP US)

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