

Title (en)

CELL POPULATIONS FOR DETECTING NEURONAL TARGETS AND POTENTIAL ACTIVE INGREDIENTS

Title (de)

ZELLPOPULATIONEN ZUR AUFFINDUNG NEURONALER TARGETS UND POTENTIELLER WIRKSTOFFE

Title (fr)

POPULATIONS DE CELLULES DESTINEES A LA DETECTION DE CIBLES NEURONALES ET DE PRINCIPES ACTIFS POTENTIELS

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Abstract (en)

[origin: WO02099087A2] The invention relates to populations of neuronal cells containing receptors from the group of dopamine receptors, serotonin receptors and adrenergic receptors, and not producing neurotransmitters which bind to said receptors. Said cell populations are suitable for detecting neuronal targets for analysing neuronal diseases, and for detecting potential pharmaceutical active ingredients which especially act against neuronal diseases. The invention also relates to a method for detecting such targets and active ingredients.

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Citation (search report)

See references of WO 02099087A2

Citation (examination)

- US 5654189 A 19970805 - LEE VIRGINIA [US], et al
- GUILLEMAIN I. ET AL: "Human NT2 Neurons Express a Large Variety of Neurotransmission Phenotypes In Vitro", THE JOURNAL OF COMPARATIVE NEUROLOGY, vol. 422, no. 3, 3 July 2000 (2000-07-03), pages 380 - 395, XP009043336
- BORLONGAN C.V. ET AL: "Transplantation of Cryopreserved Human Embryonal Carcinoma-Derived Neurons (NT2N Cells) Promotes Functional Recovery in Ischemic Rats", EXPERIMENTAL NEUROLOGY, vol. 149, no. 2, February 1998 (1998-02-01), pages 310 - 321, XP000961826, DOI: doi:10.1006/exnr.1997.6730

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