

Title (en)
DENDRITIC CELL TUMOR INJECTION THERAPY AND RELATED VACCINE

Title (de)
TUMORBEHANDLUNG DURCH INJEKTION VON DENDRITISCHEN ZELLEN UND ENTSPRECHENDER IMPFSTOFF

Title (fr)
THÉRAPIE PAR INJECTION DANS DES TUMEURS DES CELLULES DENDRITIQUES ET VACCIN ASSOCIÉ

Publication
EP 2091334 A4 20100203 (EN)

Application
EP 07871309 A 20071031

Priority
• US 2007083161 W 20071031
• US 85590506 P 20061031

Abstract (en)
[origin: WO2008063837A2] The present invention provides effective, safe, comprehensive combinatorial treatment methods that are safe and effective for reducing the size of tumor cells in tumor tissue of a patient. The methods include reducing the size of tumor cells in tumor tissue of a patient by collecting monocyte cells from a patient; culturing the monocyte cells with one or a plurality of factors to form immature dendritic cells from the monocyte cells; introducing the immature dendritic cells and an adjuvant into the tumor tissue of the patient; and introducing activated T cells into the tumor tissue of the patient. The methods further comprise pretreating a patient with local chemotherapy, systemic chemotherapy, tumor irradiation or systemic chemotherapy in combination with local tumor irradiation prior to introducing the immature dendritic cells, adjuvant and activated T cells into the tumor tissue of the patient. Also provided is a cancer vaccine for reducing the size of a tumor in a patient, comprised of immature dendritic cells derived from monocytes collected from the patient, an adjuvant, tumor antigens from the patient, and activated T cells.

IPC 8 full level
A01N 63/00 (2006.01); **A61K 39/00** (2006.01); **C12N 5/0783** (2010.01); **C12N 5/0786** (2010.01); **A61K 35/12** (2015.01)

CPC (source: EP US)
A61K 39/0011 (2013.01 - US); **A61K 39/4611** (2023.05 - EP); **A61K 39/4615** (2023.05 - EP); **A61K 39/4622** (2023.05 - EP); **A61K 39/464482** (2023.05 - EP); **A61P 35/00** (2018.01 - EP); **C12N 5/0636** (2013.01 - EP); **C12N 5/0639** (2013.01 - EP); **A61K 35/12** (2013.01 - EP); **A61K 2035/124** (2013.01 - EP); **A61K 2039/515** (2013.01 - EP); **A61K 2039/55516** (2013.01 - EP); **A61K 2039/55583** (2013.01 - EP); **A61K 2039/55588** (2013.01 - EP); **A61K 2039/6081** (2013.01 - EP); **A61K 2239/31** (2023.05 - EP); **A61K 2239/38** (2023.05 - EP); **C12N 2501/22** (2013.01 - EP); **C12N 2501/23** (2013.01 - EP); **C12N 2501/515** (2013.01 - EP); **C12N 2501/999** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008063837 A2 20080529; WO 2008063837 A3 20080918; WO 2008063837 A9 20080807; EP 2091334 A2 20090826; EP 2091334 A4 20100203; JP 2010508364 A 20100318

DOCDB simple family (application)
US 2007083161 W 20071031; EP 07871309 A 20071031; JP 2009535441 A 20071031