

Title (en)
MANUFACTURING OF MULTI-DOSE INJECTION READY DENDRITIC CELL VACCINES AND COMBINATION THERAPY FOR BLOCKING HER2 AND HER3

Title (de)
HERSTELLUNG VON GEBRAUCHSFERTIGEN MEHRFACHDOSISVAKZINEN AUS DENDRITISCHEN ZELLEN UND KOMBINATIONSTHERAPIE ZUR BLOCKIERUNG VON HER2 UND HER3

Title (fr)
FABRICATION DE VACCINS À BASE DE CELLULES DENDRITIQUES MULTI-DOSES PRÊTS À ÊTRE INJECTÉS, ET POLYTHÉRAPIE POUR BLOQUER HER2 ET HER3

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Application
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Abstract (en)
[origin: WO2016011347A1] The present invention relates to an FDA- approved injectable multi-dose antigen pulsed dendritic cell (DC) vaccine. In one embodiment, the activated antigen- loaded DC vaccine comprises an initial immunizing dose and multiple "booster" doses. The invention also provides a method of blocking both HER-2 and HER-3 as a treatment in causing permanent tumor senescence in HER-2 expressing breast cancers.

IPC 8 full level
C12N 5/0784 (2010.01)

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C-Set (source: EP)
1. **A61K 38/217 + A61K 2300/00**
2. **A61K 38/191 + A61K 2300/00**
3. **A61K 39/39558 + A61K 2300/00**

Citation (search report)
• [XP] ELIZABETH FITZPATRICK ET AL: "Cryopreservation of activated DC1 makes large scale dendritic cell vaccines feasible in cancer therapy", CYTOTHERAPY, vol. 17, no. 6, 1 June 2015 (2015-06-01), GB, pages S22 - S23, XP055428214, ISSN: 1465-3249, DOI: 10.1016/j.jcyt.2015.03.381
• [A] TAE HEE HAN ET AL: "Evaluation of 3 Clinical Dendritic Cell Maturation Protocols Containing Lipopolysaccharide and Interferon-[gamma]", JOURNAL OF IMMUNOTHERAPY, vol. 32, no. 4, 1 May 2009 (2009-05-01), pages 399 - 407, XP055156169, ISSN: 1524-9557, DOI: 10.1097/CJI.0b013e31819e1773

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