

Title (en)

PRODUCER CELLS FOR REPLICATION SELECTIVE VIRUSES IN THE TREATMENT OF MALIGNANCY

Title (de)

PRODUKTIVE ZELLEN FÜR REPLIKATIONSSELEKTIVE VIREN ZUR BEHANDLUNG BÖSARTIGER ERKRANKUNGEN

Title (fr)

CELLULES PRODUCTRICES POUR VIRUS APTES A LA REPLICATION UTILISEES DANS LE TRAITEMENT DE LA MALIGNITE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9945783A1] The invention includes producer cells for administering to a subject having tumor cells in order to kill tumor cells or prevent growth or spread of the tumor. The producer cell comprises an oncolytic virus which is capable of replicating in the producer cell. The producer cell is not capable of sustained survival in the body of the subject. The invention also includes methods of using these producer cells to treat a subject having tumor cells and making a medicament for use in such treatment.

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IPC 8 full level

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Citation (search report)

- [A] WO 9509654 A1 19950413 - US HEALTH [US]
- [A] WO 9726904 A1 19970731 - MEDICAL RES COUNCIL [GB], et al
- [XA] FREEMAN S ET AL: "the treatment of ovarian cancer with a gene modified cancer vaccine : a phase I study", HUMAN GENE THERAPY, vol. 6, no. 7, July 1995 (1995-07-01), pages 927 - 939, XP000993236
- [A] TAMIYA T ET AL: "Transgene inheritance and retroviral infection contribute to the efficiency of gene expression in solid tumors inoculated with retroviral vector producer cells.", GENE THERAPY, vol. 2, no. 8, 1995, pages 531 - 538, XP000993316, ISSN: 0969-7128
- [A] TUNG FRANK Y T ET AL: "Retroviral producer cells cause sarcoma in severe combined immunodeficiency mice.", JOURNAL OF BIOMEDICAL SCIENCE, vol. 2, no. 2, 1995, pages 131 - 135, XP000993275, ISSN: 1021-7770
- [PX] COUKOS G ET AL: "Producer cells enhance the oncolytic effect of a replication-competent ICP34.5-null herpes simplex virus-1 (HSV-1) strain in epithelial ovarian cancer.", CANCER GENE THERAPY, vol. 5, no. 6 CONF. SUPPL., November 1998 (1998-11-01), Seventh International Conference on Gene Therapy of Cancer;San Diego, California, USA; November 19-21, 1998, pages S7, XP000993223, ISSN: 0929-1903
- See references of WO 9945783A1

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