

參考資料5:基礎論文

番号 論文名

- 1 An adenovirus mutant that replicates selectively in p53-deficient human tumor cells.
Bischoff JR, Kirn DH, Williams A, et al. *Science*. 1996 Oct 18;274(5286):373-6.
- 2 ONYX-015, an E1B gene-attenuated adenovirus, causes tumor-specific cytolysis and antitumoral efficacy that can be augmented by standard chemotherapeutic agents. Heise C, Sampson-Johannes A, Williams A, et al. *Nat Med*. 1997 Jun;3(6):639-45.
- 3 p53-dependent cell death/apoptosis is required for a productive adenovirus infection.
Hall AR, Dix BR, O'Carroll SJ, et al. *Nat Med*. 1998 Sep;4(9):1068-72.
- 4 Promising new agents for treatment of patients with colorectal cancer.
Von Hoff DD. *Semin Oncol*. 1998 Oct;25(5 Suppl 11):47-52.
- 5 ONYX-015: clinical data are encouraging.
Kirn D, Hermiston T, McCormick F. *Nat Med*. 1998 Dec;4(12):1341-2.
- 6 Intravenous administration of ONYX-015, a selectively replicating adenovirus, induces antitumoral efficacy.
Heise CC, Williams AM, Xue S, et al. *Cancer Res*. 1999 Jun 1;59(11):2623-8.
- 7 Efficacy of a replication-competent adenovirus (ONYX-015) following intratumoral injection: intratumoral spread and distribution effects.
Heise CC, Williams A, Olesch J, Kirn DH. *Cancer Gene Ther*. 1999 Nov-Dec;6(6):499-504.
- 8 Efficacy of a replication-selective adenovirus against ovarian carcinomatosis is dependent on tumor burden, viral replication and p53 status.
Heise C, Ganly I, Kim YT, et al. *Gene Ther*. 2000 Nov;7(22):1925-9.
- 9 ONYX-015 works synergistically with chemotherapy in lung cancer cell lines and primary cultures freshly made from lung cancer patients.
You L, Yang CT, Jablons DM. *Cancer Res*. 2000 Feb 15;60(4):1009-13.
- 10 In vivo antitumor activity of ONYX-015 is influenced by p53 status and is augmented by radiotherapy.
Rogulski KR, Freytag SO, Zhang K, et al. *Cancer Res*. 2000 Mar 1;60(5):1193-6.
- 11 ONYX-015: mechanisms of action and clinical potential of a replication-selective adenovirus.
Ries S, Korn WM. *Br J Cancer*. 2002 Jan 7;86(1):5-11.

- 12 ONYX-015, an E1B gene-defective adenovirus, induces cell death in human anaplastic thyroid carcinoma cell lines.
Portella G, Scala S, Vitagliano D, et al. *J Clin Endocrinol Metab.* 2002 Jun;87(6):2525-31.
- 13 Persistent replication of the modified chimeric adenovirus ONYX-015 in both tumor and stromal cells from a patient with gall bladder carcinoma implants.
Wadler S, Yu B, Tan JY, et al. *Clin Cancer Res.* 2003 Jan;9(1):33-43.
- 14 Potentiation of radiation therapy by the oncolytic adenovirus dl1520 (ONYX-015) in human malignant glioma xenografts.
Geoerger B, Grill J, Opolon P, et al. *Br J Cancer.* 2003 Aug 4;89(3):577-84.
- 15 ONYX-015 enhances radiation-induced death of human anaplastic thyroid carcinoma cells.
Portella G, Pacelli R, Libertini S, et al. *J Clin Endocrinol Metab.* 2003 Oct;88(10):5027-32.
- 16 An attenuated adenovirus, ONYX-015, as mouthwash therapy for premalignant oral dysplasia.
Rudin CM, Cohen EE, Papadimitrakopoulou VA, et al. *B1J Clin Oncol.* 2003 Dec 15;21(24):4546-52.
- 17 Combination of Targeting Gene-ViroTherapy with 5-FU enhances antitumor efficacy in malignant colorectal carcinoma.
Qiu S, Ruan H, Pei Z, et al. *J Interferon Cytokine Res.* 2004 Apr;24(4):219-30.
- 18 The dl1520 virus is found preferentially in tumor tissue after direct intratumoral injection in oral carcinoma.
Morley S, MacDonald G, Kirn D, et al. *Clin Cancer Res.* 2004 Jul 1;10(13):4357-62.
- 19 Effects of Onyx-015 among metastatic colorectal cancer patients that have failed prior treatment with 5-FU/leucovorin.
Reid TR, Freeman S, Post L, et al. *Cancer Gene Ther.* 2005 Aug;12(8):673-81.
- 20 China approves world's first oncolytic virus therapy for cancer treatment.
Garber K. *J Natl Cancer Inst.* 2006 Mar 1;98(5):298-300.
- 21 The present and future for gene and viral therapy of directly accessible prostate and squamous cell cancers of the head and neck.
Norris JS, Norris KL, Holman DH, et al. *Future Oncol.* 2005 Feb;1(1):115-23.
- 22 p53 as a target for anti-cancer drug development.
Bouchet BP, de Fromental CC, Puisieux A, et al. *Crit Rev Oncol Hematol.* 2006 Jun;58(3):190-207.
- 23 Model-driven approaches for in vitro combination therapy using ONYX-015 replicating oncolytic adenovirus.
Zurakowski R, Wodarz D. *J Theor Biol.* 2007 Mar 7;245(1):1-8.

- 24 Minimal hepatic toxicity of Onyx-015: spatial restriction of coxsackie-adenoviral receptor in normal liver.
Au T, Thorne S, Korn WM, et al. *Cancer Gene Ther.* 2007 Feb;14(2):139-50.
- 25 Oncolytic adenovirus: preclinical and clinical studies in patients with human malignant gliomas.
Jiang H, Gomez-Manzano C, Lang FF, et al. *J. Curr Gene Ther.* 2009 Oct;9(5):422-7.