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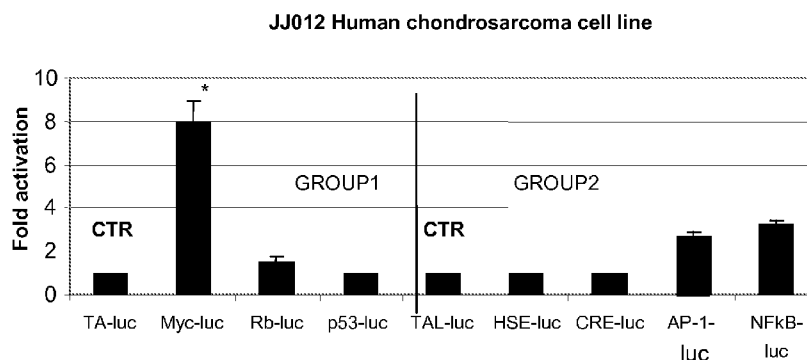


FIG. 1

(57) **Abstract:** Compositions, kits and methods for inhibiting growth of Chondrosarcoma cells involve compositions including PRP-I or PRP-I analogues in an amount effective to inhibit growth of the cells. A method of inhibiting growth of Chondrosarcoma cells includes providing a composition including PRP-I or a PRP-I analogue in an amount effective to inhibit growth of the Chondrosarcoma cells; and contacting the Chondrosarcoma cells with the composition, wherein contacting the Chondrosarcoma cells with the composition results in inhibition of growth of the Chondrosarcoma cells. A typical adjuvant composition includes PRP-I in an amount effective to inhibit growth of human Chondrosarcoma cells and a pharmaceutically acceptable carrier or diluent. Compositions and methods described herein are based on the discovery that contacting human Chondrosarcoma cells with PRP-I abolished MYC oncogene activity and inhibited growth of the Chondrosarcoma cells.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 09/30307

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61K 39/00 (2009.01)

USPC - 424/185.1, 424/278.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
USPC: 424/185.1, 424/278.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 424/185.1, 424/278.1
(text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST(PGPB,USPT,USOC,EPAB,JPAB); Google; PubMed

Search terms: AGAPEPAEPAQPGVY, SEQ ID NO:1, chondrosarcoma, sarcoma, PRP-1, myc, jurkat, leukosis, leucosis

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2006/135943 A1 (GALOYAN et al.) 28 December 2006 (28.12.2006) abstract; pg 2, ln 10-13, 23-24; pg 3, ln 9-20	1-11
Y	LOH. Atypical presentation of cutaneous T cell lymphosarcoma in a 19-month-old Holstein heifer. Can. Vet. J. March 2007 (03.2007), Vol. 48, No. 3, pages 309-311; pg 311, para 7	1-11
Y	US 6,267,958 B1 (ANDYA et al.) 31 July 2001 (31.07.2001) abstract; col 18, ln 25-28	9, 11
A	MORRISON et al. MYC amplification and polysomy 8 in chondrosarcoma: array comparative genomic hybridization, fluorescent in situ hybridization, and association with outcome. J. Clin. Oncol. 20 December 2005 (20.12.2005), Vol. 23, No. 6, pages 9369-9376	1-11

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