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Columns: ORIGINAL ARTICLE

Basic Study

IGF-1 promotes the growth and metastasis of hepatocellular carcinoma *via* the inhibition of proteasome-mediated cathepsin B degradation

Lei T *et al.* IGF-1 promotes hepatocellular carcinoma through cathepsin B

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[HTML] JAK kinases **promote** invasiveness in VHL-mediated renal cell **carcinoma** by a suppressor of cytokine signaling-regulated, HIF-independent mechanism

KL Wu, H Miao, S Khan - American Journal of Physiology- ..., 2007 - Am Physiological Soc

... in many primary **cancers**, including RCC (8). Stimulation of cytokine and **growth** factor receptors ...

Phosphorylated/activated JAKs then recruit and phosphorylate STAT proteins, which **promote**

dimerization. ... Corning, NY) for 2 h at 37°C. Chemoattractant (0.5 μ M IGF-1) was added ...

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Autophagy regulation and its role in **cancer**

S Lorin, A Hamaï, M Mehrpour, P Codogno - Seminars in **cancer** biology, 2013 - Elsevier

The modulation of macroautophagy is now recognized as one of the hallmarks of cancer cells.

There is accumulating evidence that autophagy plays a role in the va.

被引用次数: 52 相关文章 所有 3 个版本 引用 保存

[引用] **Tumor** microenvironment **promotes cancer** progression, **metastasis**, and therapeutic resistance

SY Sung, CL Hsieh, D Wu, LWK Chung... - ... problems in **cancer**, 2007 - Mosby

被引用次数: 69 相关文章 所有 5 个版本 引用 保存 更多

The different roles of ER subtypes in **cancer** biology and therapy

C Thomas, JÅ Gustafsson - Nature Reviews **Cancer**, 2011 - nature.com

... are among the ubiquitin ligases that have been shown to **promote** the **degradation** ... This ER α variant

promotes tamoxifen agonist action in endometrial **cancer** cells through MAPK ... the transcriptional

activity of the wild-type receptor and influenced cell **growth through** genomic and ...

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Proteasome **inhibition** as a therapeutic strategy for hematologic malignancies

CS Mitsiades, N Mitsiades, T Hideshima... - 2005 - informahealthcare.com

... NF- κ B and activating the expression of its transcriptional targets (ie, genes for **growth** factors,

stress ... was observed in a patient with refractory non-small cell lung **carcinoma** in the ... as molecular

chaperones which protect their client proteins from denaturation, **promote** their proper ...

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Oncogenes and **Tumor** Suppressor Genes in Autophagy

GM Balaburski, A Budina, ME Murphy - Autophagy and **Cancer**, 2013 - Springer

... In support of the notion that ARF and autophagy may **promote tumor** development, Kemp and ...

Cell 10(1):51-64PubMedCrossRef. Deptyarev M et al (2008) Akt **inhibition promotes** autophagy

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c-Abl and Arg induce cathepsin-mediated lysosomal ...

www.ncbi.nlm.nih.gov > ... > Literature > PubMed Central (PMC) - [翻译此页](#)

作者 : LS Fiore - 2014 - 被引用次数 : 3 - 相关文章

2013年10月7日 - Secreted **cathepsins** **promote** invasion and **metastasis** by activating ... protein is **degraded** by the **proteasome** in 435s and BT-549 cells, which Although silencing NM23-H1 increased soft agar **growth**, it only modestly rescued the **inhibitory** **through** matrigel (BD Biosciences, Chicago, IL) towards **IGF-1** ...

[PDF] Ubiquitin ligase Cbl-b represses IGF-I-induced epithelial ...

www.molecular-cancer.com/content/pdf/1476-4598-13-136.pdf ▾ [翻译此页](#)

作者 : H Li - 2014 - 被引用次数 : 2 - 相关文章

2014年6月2日 - **through** targeting **IGF-IR** for **degradation** and further inhibiting the ... gastric cancer, breast cancer, **hepatocellular carcinoma**, and prostate ... whether **IGF-I** **promotes** gastric cancer **metastasis** by ... Knock-down of Cbl-b enhances epidermal **growth** ... **Proteasome inhibitor** bortezomib (PS-341) was purchased.

缺少字词 : cathepsin

The Role of the IGF System in Cancer Growth and ...

press.endocrine.org/doi/full/10.1210/er.2006-0001 ▾ [翻译此页](#)

作者 : AA Samani - 2007 - 被引用次数 : 726 - 相关文章

2006年8月24日 - The Role of the **IGF** System in **Cancer Growth and Metastasis**: Overview and Recent Insights ... **IGF-I** receptor (**IGF-IR**) signaling and functions are **mediated through** the ... G. Reduced expression of IGF-BPs can **promote cancer** progression cleavage of **IGF-I** at its C-terminal D domain by **cathepsin B** (78).

Protein Kinase C (PKC) Isozymes and Cancer

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