



Guggulsterone induces apoptosis in human hepatocellular carcinoma ce



网页

图片

视频

新闻

更多

搜索工具

找到约 11,200 条结果 (用时 0.79 秒)

## Google 学术: Guggulsterone induces apoptosis in human hepatocellular carcinoma cells through activation of the intrinsic mitochondrial pathway

... of dietary agents for prevention and therapy of cancer - Aggarwal - 被引用次数: 1237

... cells through modulation of inflammatory pathways by ... - Gupta - 被引用次数: 291

Nuclear factor- $\kappa$ B inhibitors as sensitizers to anticancer ... - Nakanishi - 被引用次数: 625

## Full-Text XML - MDPI.com

[www.mdpi.com/2072-6694/4/2/354/xml](http://www.mdpi.com/2072-6694/4/2/354/xml)

Hepatocellular carcinoma (HCC) is one of the most common cancers ... However, many cancer models display resistance to death receptor induced apoptosis, pointing ... activation of the intrinsic pathway is needed to commit the cell to apoptosis. ... through mitochondrial independent and mitochondrial dependent pathways ...

## 14-3-3 zeta is a molecular target in guggulsterone induced ...

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

作者: MA Macha - 2010 - 被引用次数: 24 - 相关文章

2010年11月30日 - Head and neck cancer cells were treated with guggulsterone (GS). ... These events were followed by activation of caspase 9, caspase 8 and ... angiogenesis and metastasis in a wide variety of human cancer cell lines ... Our results demonstrated GS-induces apoptosis by intrinsic mitochondrial pathway by a ...

## Regulation of survival, proliferation, invasion, angiogenesis ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) - 翻译此页

作者: ... - 2010 - 被引用次数: 222 - 相关文章

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 19147

Manuscript Type: ORIGINAL ARTICLE

*Basic Study*

**Guggulsterone induces apoptosis in human hepatocellular carcinoma cells through intrinsic mitochondrial pathway**

Juan-Juan Shi, Xiao-Li Jia, Mei Li, Ning Yang, Ya-Ping Li, Xin Zhang, Ning Gao, Shuang-Suo Dang

### Abstract

**AIM:** To investigate the effects of guggulsterone on cell proliferation and apoptosis of human hepatoma HepG2 cells and relevant mechanisms *in vitro*.

### Match Overview

1	Internet 250 words crawled on 17-Apr-2015 <a href="http://www.biomedcentral.com">www.biomedcentral.com</a>	4%
2	Internet 155 words crawled on 05-Mar-2015 <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a>	3%
3	CrossCheck 71 words An, M.J.. "Guggulsterone induces apoptosis in colon cancer cells and inhibits tumor growth in murine colorectal c	1%
4	Internet 57 words crawled on 22-Feb-2011 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	1%
5	Internet 55 words crawled on 12-Jun-2014 <a href="http://breast-cancer-research.com">breast-cancer-research.com</a>	1%
6	Internet 41 words crawled on 22-Jun-2015 <a href="http://cloneresources.com">cloneresources.com</a>	1%
7	CrossCheck 39 words Su, H., C. Ma, J. Liu, N. Li, M. Gao, A. Huang, X. Wang, W. Huang, and X. Huang. "Downregulation of nuclear recept	1%
8	Internet 38 words crawled on 23-May-2014 <a href="http://cscmb.org.tw">cscmb.org.tw</a>	1%



Guggulsterone induces apoptosis in human hepatocellular carcinoma cells throug

网页 图片 视频 新闻 购物 地图 图书

找到约 3,840 条结果

时间不限

过去 1 小时内  
过去 24 小时内  
过去 1 周内  
过去 1 个月内  
过去 1 年内

所有结果

精确匹配

[Google 学术: Guggulsterone induces apoptosis in human hepatocellular carcinoma cells through intrinsic mitochondrial pathway](#)

[... cells through modulation of inflammatory pathways by ...](#) - Gupta - 被引用次数: 324

[... of dietary agents for prevention and therapy of cancer](#) - Aggarwal - 被引用次数: 1287

[... a molecular target in guggulsterone induced apoptosis ...](#) - Macha - 被引用次数: 28

[14-3-3 zeta is a molecular target in guggulsterone induced ...](#)

[www.ncbi.nlm.nih.gov/pmc/articles/PMC3002356/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3002356/) ▼

30 Nov 2010 ... Head and neck cancer cells were treated with guggulsterone (GS). ... Our results demonstrated GS-induces apoptosis by intrinsic mitochondrial pathway by a protein ... Human head and neck squamous carcinoma cell lines, SCC4 was ..... zeta to initiate apoptosis through the intrinsic mitochondrial pathway ...

[Full-Text XML - MDPI.com](#)

[www.mdpi.com/2072-6694/4/2/354/xml](http://www.mdpi.com/2072-6694/4/2/354/xml) ▼

ATM kinase hepatocellular carcinoma TRAIL combined therapy 1: ... through the activation of the intrinsic pathway is needed to commit the cell to apoptosis. ... execution of the apoptotic response through mitochondrial independent and ..... augment TRAIL-induced apoptosis in human hepatocellular carcinoma cell lines ...

[\[PDF\] Guggulsterone inhibits human cholangiocarcinoma Sk-ChA-1 and ...](#)

[www.spandidos-publications.com/ol/10/3/1416/download](http://www.spandidos-publications.com/ol/10/3/1416/download)

In addition, guggulsterone-induced apoptosis of cholangiocarcinoma cells ... of human cancers, including leukemia, breast carcinoma, ... cells through caspase- dependent apoptosis. ... In the intrinsic pathway, several ... the mitochondrial membrane permeability transition (25). ... A dysregulated balance in liver cancer.

[UNIPROT:P55211 - FACTA Search - NaCTeM](#)

[www.nactem.ac.uk/facta/cgi-bin/facta.cgi?query=UNIPROT](http://www.nactem.ac.uk/facta/cgi-bin/facta.cgi?query=UNIPROT) ▼

[网页](#) [图片](#) [新闻](#) [视频](#) [购物](#) [更多](#) [搜索工具](#)

找到约 3,840 条结果 (用时 0.64 秒)

## Google 学术 : Guggulsterone induces apoptosis in human hepatocellular carcinoma cells through intrinsic mitochondrial pathway

... cells through modulation of inflammatory pathways by ... - Gupta - 被引用次数 : 324

... of dietary agents for prevention and therapy of cancer - Aggarwal - 被引用次数 : 1287

... a molecular target in guggulsterone induced apoptosis ... - Macha - 被引用次数 : 28

### 14-3-3 zeta is a molecular target in guggulsterone induced ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▼ [翻译此页](#)

作者 : MA Macha - 2010 - 被引用次数 : 28 - 相关文章

2010年11月30日 - Head and neck cancer cells were treated with guggulsterone (GS).  
... Our results demonstrated GS-induces apoptosis by intrinsic mitochondrial pathway  
by a protein ... Human head and neck squamous carcinoma cell lines, SCC4 was .....  
zeta to initiate apoptosis through the intrinsic mitochondrial pathway ...

### Regulation of survival, proliferation, invasion, angiogenesis ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▼ [翻译此页](#)

作者 : SC Gupta - 2010 - 被引用次数 : 324 - 相关文章

The intrinsic pathway is mitochondria dependent, whereas the extrinsic ... Curcumin  
induces upregulation of proapoptotic proteins such as Bax, ... In human colon cancer  
cells, XN induced apoptosis through upregulation of ... Silymarin inhibited survival of