

**Name of Journal:** *World Journal of Translational Medicine*

**ESPS Manuscript NO:** 22290

**Manuscript Type:** MINIREVIEWS

**Sphingolipid metabolism affects the anticancer effect of cisplatin**

**Yu-Lan Li, Ming-Lin Lin, Song-Qing He, Jun-Fei Jin**

### Match Overview

**1** CrossCheck 16 words  
Jiang, J.. "@b4GalT-II increases cisplatin-induced apoptos  
is in HeLa cells depending on its Golgi localization", Bioc ...

<1%

[Web](#)[Images](#)[Shopping](#)[More ▾](#)[Tools](#)[SafeSearch ▾](#)

About 20,400 results

## Web Results

[Pharmacogenetics of resistance to Cisplatin and other ...](#)[www.ncbi.nlm.nih.gov/pubmed/23494308](http://www.ncbi.nlm.nih.gov/pubmed/23494308) - Similar... **Cisplatin** and other **anticancer** drugs and the role of **sphingolipid metabolism**. ...

Dictyostelium/drug effects; Dictyostelium/genetics; Dictyostelium/metabolism ...

[Global transcriptional responses to cisplatin in ...](#)[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) - SimilarSep 18, 2007 ... Transcriptional profiling of two isogenic **cisplatin**-resistant mutants, impaired in ... and proteins associated with resistance to the anti-cancer drug **cisplatin** (2).... **Sphingolipid metabolism** might also affect the permeability of ...[ More results from [www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) ][Lead genetic studies in Dictyostelium discoideum and ...](#)[www.ncbi.nlm.nih.gov/pubmed/20951822](http://www.ncbi.nlm.nih.gov/pubmed/20951822) - SimilarOct 15, 2010 ... are key regulators of sensitivity to **cisplatin** and other **anticancer** drugs. ... sphingosine kinase and ceramide synthase, affect whether a cell dies or lives in the ... Humans; Sensitivity and Specificity; **Sphingolipids/metabolism\*** ...[Sphingolipids as modulators of cancer cell death: Potential ...](#)[www.sciencedirect.com/science/article/pii/S0005273606002094](http://www.sciencedirect.com/science/article/pii/S0005273606002094) - SimilarThe effects of SLs on the regulation of cell growth are remarkably complex. .... in vivo effects of (epi)genetic manipulation of **sphingolipid metabolism** on the viability ... Human A549 lung cancer, Overexpression, Increased sensitivity to **cisplatin**, ...[Apoptotic Sphingolipid Ceramide in Cancer Therapy](#)[www.bingdawi.com/journals/il/2011/565316/](http://www.bingdawi.com/journals/il/2011/565316/) - Similar





Scholar

About 2,140 results (0.03 sec)

Articles

### Biologically active **sphingolipids** in cancer pathogenesis and treatment

nature.com [HTML]

B Ogretmen, YA Hannun - Nature Reviews Cancer, 2004 - nature.com

Case law

... coupled with inherent experimental difficulties in studying lipid **metabolism** and function ... These caveats aside, the explosion of research into biologically active **sphingolipids** has finally ... and insights that are required to investigate compartment-specific **sphingolipid**-generation and ...

My library

Cited by 853 Related articles All 7 versions Cite Save

Any time

### Ceramide in apoptotic signaling and **anticancer** therapy

Since 2015

CF Lin, CL Chen, YS Lin - Current medicinal chemistry, 2006 - ingentaconnect.com

Since 2014

... (1). **Metabolic** pathways of ... synthase and ceramidase have been identified in mitochondria, which suggests that mitochondrial **sphingolipids** function specifically ... novo synthesis and the hydrolysis of sphingomyelin, ceramide is generated from **sphingolipid metabolism** in plasma ...

Since 2011

Custom range...

Cited by 82 Related articles All 6 versions Cite Save

Sort by relevance

### Implications of sphingosine kinase 1 expression level for the cellular **sphingolipid** rheostat: relevance as a marker for daunorubicin sensitivity of leukemia cells

Sort by date

S Sobue, S Nemoto, M Murakami, H Ito... - International journal of ..., 2008 - Springer

Search the Web

... It has been suggested that **sphingolipids** are important mediators of signal transduction ... that modulation of the gene expression level of a **sphingolipid metabolic** enzyme may ... Involvement of the **sphingolipid metabolism** in the process of leukemogenesis and disease progression ...

Search English pages

Cited by 46 Related articles All 10 versions Cite Save

☒ include patents

### Targeting ceramide **metabolism**—a strategy for overcoming drug resistance

oxfordjournals.org [HTML]

A Senchenkov, DA Litvak... - Journal of the National ..., 2001 - jnci.oxfordjournals.org

Ceramide and other **sphingolipids** act as second messengers modifying a number of target



全部 图片 新闻 视频 更多 ▾ 搜索工具

找到约 19,600 条结果 (用时 0.66 秒)

## Google 学术: Sphingolipid metabolism affects the anticancer effect of cisplatin

... active sphingolipids in cancer pathogenesis and ... - Ogretmen - 被引用次数: 860

Ceramide in apoptotic signaling and anticancer ... - Lin - 被引用次数: 83

... level for the cellular sphingolipid rheostat: relevance as ... - Sobue - 被引用次数: 47

### Pharmacogenetics of resistance to Cisplatin and other ...

[www.ncbi.nlm.nih.gov/pubmed/23494308](http://www.ncbi.nlm.nih.gov/pubmed/23494308) ▾ 翻译此页

作者: S Alexander - 2013 - 被引用次数: 2 - 相关文章

... Cisplatin and other anticancer drugs and the role of sphingolipid metabolism. ...

Dictyostelium/drug effects; Dictyostelium/genetics; Dictyostelium/metabolism ...

### Global transcriptional responses to cisplatin in Dictyostelium ...

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

作者: N Van Driessche - 2007 - 被引用次数: 15 - 相关文章

2007年9月18日 - Sphingolipid metabolism might also affect the permeability of various ...  
that mutations in sgkA and in sglA have distinct effects on the cell.

### Pharmacogenetics of resistance to cisplatin and other anti ...

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

作者: S Alexander - 2013 - 被引用次数: 2 - 相关文章

2014年4月16日 - Pharmacogenetics of resistance to cisplatin and other anti-cancer drugs and ... The pathway of sphingolipid metabolism is highly conserved between ... in the pathway which regulate the levels of S-1-P should have an effect on the ... isolating cisplatin resistant mutants, the identification of the affected genes ...