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### *Basic Study*

**Brucea javanica oil emulsion improves the effect of radiotherapy on esophageal cancer cells by inhibiting cyclin D1-CDK4/6 axis**

Qiu ZH *et al.* BJOE inhibit esophageal cancer cells

Zhong-Hua Qiu, Wei-Wei Zhang, Hong-Hua Zhang, Gui-Hua Jiao

### **Abstract**

#### **BACKGROUND**

Esophageal cancer is one of the most common cancers around the world, which has high incidence and mortality rates. The conventional therapy for

### Match Overview

1	Crossref 19 words Tang, Ren-Guang, Yong-Zhi Huang, Li-Min Yao, Jian Xiao, Chuan Lu, and Qian Yu. "Polymorphisms of transforming growth	1%
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### Nuclear Cyclin D1/CDK4 Kinase Regulates CUL4 Expression and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2957477/> ▾ [翻译此页](#)作者: P Aggarwal - 2010 - 被引用次数: 164 - [相关文章](#)

Cyclin D1 elicits transcriptional effects through inactivation of the ... is a CDK4 substrate, and phosphorylation increases PRMT5/MEP50 activity. ... To ascertain the existence of this complex in human cancer cells, we used ... from human esophageal cancer cell lines TE3, TE7 were immunoblotted as indicated (Top panel).

### Targeting Cyclin D-CDK4/6 Sensitizes Immune-Refractory Cancer by ...

<https://www.ncbi.nlm.nih.gov/pubmed/29437706> - [翻译此页](#)作者: SJ Oh - 2018 - 被引用次数: 2 - [相关文章](#)

2018年2月6日 - Targeting Cyclin D-CDK4/6 Sensitizes Immune-Refractory Cancer by Blocking the SCP3-NANOG Axis. ... Immunoediting caused by antitumor immunity drives tumor cells to acquire refractory phenotypes. ... Targeting CDK4/6 with the inhibitor palbociclib reversed multiaggressive phenotypes of SCP3high ...

### CDK 4/6 Inhibitors as Single Agent in Advanced Solid Tumors - Frontiers

<https://www.frontiersin.org/articles/432803> ▾ [翻译此页](#)作者: F Schettini - 2018 - 被引用次数: 1 - [相关文章](#)

2018年12月12日 - Cyclin-dependent kinases (CDK) 4/6 inhibitors, namely abemaciclib, ... and might promote cancer cell disruption by a cytotoxic T cells-mediated effect. ... cell lung cancer, glioblastoma multiforme, esophageal cancer and melanoma. ... the transcription of the Cyclin-D coding gene CCND1 and increases the ...

### nlm.life | Nutr Cancer

<https://nlm.life/nutr-cancer-show-all> ▾ [翻译此页](#)

30663403 Isochamanetin is a Selective Inhibitor for CyclinD1 in SKOV3 Cell Lines. ... Not Improve PNI in Radiotherapy Patients with Locally Advanced Esophageal ..... Acid Enhances Apoptotic Sensitivity of Breast Cancer Cells to γ- Radiation. .... fish-oil emulsions in pediatric oncologic patients--effect on liver parameters.



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包含以下查询字词的结果: Brucea javanica oil emulsion improves the effect of radiotherapy *in* esophageal cancer cells by inhibiting cyclin D1-CDK4/6 axis

仅搜索: Brucea javanica oil emulsion improves the effect of radiotherapy on esophageal cancer cells by inhibiting cyclin D1-CDK4/6 axis

[Effect of Brucea javanica fruit oil emulsion combined cisplatin on the ...

<https://www.ncbi.nlm.nih.gov/pubmed/25790676> - 翻译此页

作者: N Zhao - 2015 - 被引用次数: 11 - 相关文章

OBJECTIVE: To study the growth inhibition effect of Brucea javanica Fruit Oil Emulsion (BJFOE) on human ovarian cancer SKOV3 cells and ... Totally 32 ovarian cancer nude mice were randomly divided into 4 groups, i.e., ... Mice in Group D were intraperitoneally injected with cisplatin (3 mg/kg) 0.2 mL, once per two days.

Ursolic acid enhances the therapeutic effects of oxaliplatin in ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/29034540> - 翻译此页

作者: Y Zhang - 2018 - 被引用次数: 3 - 相关文章

2017年11月18日 - We treated CRC cell lines HCT8 and SW480 with ursolic acid and ... effects of oxaliplatin in colorectal cancer by ROS-mediated inhibition of ...

Combination therapy increases the efficacy of docetaxel, vinblastine ...

<https://www.ncbi.nlm.nih.gov/pubmed/25313766> ▼ 翻译此页

作者: N Samadi - 2014 - 被引用次数: 16 - 相关文章

We investigated the impact of combination therapy with docetaxel, or vinblastine with tamoxifen in inhibition of proliferation and induction of ... CONCLUSION: Combination therapy of breast and lung cancer cell lines using docetaxel or ...

Resveratrol-induced apoptosis is enhanced by inhibition of autophagy ...

[https://www.researchgate.net/.../236092995\\_Resveratrol-induced\\_apoptosis\\_is\\_enhance...](https://www.researchgate.net/.../236092995_Resveratrol-induced_apoptosis_is_enhance...)

2019年2月23日 - We demonstrated that resveratrol inhibits ESCC cell growth in a ... on the role of autophagy and its effects on apoptotic cell death. ... enhances radio-sensitivity in esophageal squamous cancer cells [32, 33]. ..... inhibition in Brucea javanica oil emulsion-induced colon cancer cell death ..... Bruce D Cheson.

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### Effect of Brucea Javanica Oil Emulsion Combined with GP Regimen ...

[www.jitm.hk/CN/abstract/abstract38.shtml](http://www.jitm.hk/CN/abstract/abstract38.shtml) - 翻译此页

作者: Z Yu - 被引用次数: 4 - 相关文章

Abstract Objective: To observe the effect of Brucea javanica oil emulsion ... on the immune function of patients with advanced non-small cell lung cancer (NSCLC). ... and fifty-six patients with NSCLC were randomly divided into treatment group ... emulsion combined with GP regimen chemotherapy can improve the cellular ...

### Brucea javanica seed oil enhances the radiosensitivity of esophageal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5795910/> ▼ 翻译此页

作者: P Pan - 2018 - 被引用次数: 1 - 相关文章

The effects of BJOE on radiation-induced apoptosis were examined through flow cytometric ... BJOE significantly inhibited ECA109 cell proliferation in a dose- and ... Keywords: Brucea javanica oil emulsion, esophageal cancer, hypoxia, .... Following this, 200 cells/ml were seeded into 6-well plates and cultured overnight.

### Efficacy of Brucea javanica Oil Emulsion Injection Combined with the ...

<https://www.hindawi.com/journals/ecam/2018/6350782/> ▼ 翻译此页

作者: JR Wu - 2018 - 被引用次数: 1 - 相关文章

2018年4月2日 - Efficacy of Brucea javanica Oil Emulsion Injection Combined with ... combined with chemotherapy for treating gastric cancer (GC). ... TCM modulates the immune ability to achieve the inhibition effect of tumor growth and metastases [5]. ... the last treatment; (6) they should be without obvious chemotherapy ...

### International Journal of Molecular Medicine - Spandidos Publications

<https://www.spandidos-publications.com/ijmm/articlesbydate.jsp> ▼

10/01/2019, Pristimerin enhances the effect of cisplatin by inhibiting the .... by 6-shogaol sensitizes human liver cancer cells to TRAIL-induced apoptosis ... 31/10/2018, Essential oil from Korean Chamaecyparis obtusa leaf ameliorates respiratory ... of bladder cancer cells by modulating the microRNA-34a/cyclin D1 axis, Link.

### BRENDA - Information on EC 2.7.1.137 - phosphatidylinositol 3-kinase

[www.brenda-enzymes.org/enzyme.php?onlyTable=Disease&ecno=2.7.1.137](http://www.brenda-enzymes.org/enzyme.php?onlyTable=Disease&ecno=2.7.1.137)

Mutation analysis of PIK3CA and PIK3CB in esophageal cancer and Barrett's ... Akt-dependent T198