



Cold exposure and Capsaicin promote 1,2-dimethylhydrazine-induced



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Yazımı düzeltilmiş şu sorgu için sonuçları görüyorsunuz: Cold exposure and Capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling
Yine de şu sorguyu ara: Cold exposure and Capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling

<https://pubmed.ncbi.nlm.nih.gov/> - Bu sayfanın çevirisini yap

Capsaicin reduces genotoxicity, colonic cell proliferation and ...

yazan: BFR Caetano · 2018 · Alıntılanma sayısı: 11 — Most reports on capsaicin potential carcinogenicity have yielded ... and preneoplastic lesions induced by 1,2-dimethylhydrazine in rats.

Eksik: Cold correlates extracellular matrix remodeling

<https://www.researchgate.net/> - Bu sayfanın çevirisini yap

Low-concentration capsaicin promotes colorectal cancer ...

Colorectal cancer (CRC), one of the most common human malignancies, is a major public ... Capsaicin also increased the expression of matrix metalloproteinase ... Yang et al., investigated the correlation between capsaicin and metastasis in a ... during colon carcinogenesis in a rat model induced by 1,2-dimethylhydrazine.

<https://www.x-mol.com/pap...> - Bu sayfanın çevirisini yap

Capsaicin lacks tumor-promoting effects during colon ... - X-MOL

A. El-Ghazali · 2019 · Capsaicin (CPS) is a natural pungent compound found in chili peppers (Capsicum spp.). It has been shown to have anti-inflammatory and anti-cancer effects in various animal models and cell lines.

Low-concentration capsaicin promotes colorectal cancer ...

<https://www.researchgate.net/publication/236197838...>

Thus, we investigated the effects of **capsaicin** and **cold exposure** in 1,2-dimethylhydrazine (DMH)-induced colorectal cancer as well as the mechanisms underlying **capsaicin** and **cold**-induced CRC. **Rats** ...

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1,2-dimethylhydrazine-induced **carcinogenesis in rats**.¹⁸ The objective of the present study was to compare the antioxidant potential and pro-apoptotic effects of Aquamin supplemented with Enzogenol (8% w/w) and Sunphenon 90LB (2% w/w) (A:E:S) with that of Aquamin, Enzogenol, or Sunphenon alone and also with catechin and ECG which

The extracellular matrix as a cell survival factor ...

<https://www.molbiolcell.org/doi/10.1091/mbc.4.9.953>

Oct 13, 2017 · Abstract. Programmed cell death (PCD) or apoptosis is a naturally occurring cell suicide pathway induced in a variety of cell types. In many cases, PCD is induced by the withdrawal of specific hormones or growth factors that function as survival factors. In this study, we have investigated the potential role of the **extracellular matrix** (ECM) as ...

Cited by: 1866

Author: J E Meredith, B Fazeli, M A Schwartz

Publish Year: 1993

Capsaicin-Mediated tNOX (eNOS?) Un-regulation Enhances

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 66607

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Cold exposure and capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling

Basic experimental study of CRC

Abstract

BACKGROUND

Extracellular matrix (ECM) remodeling and stiffening which are correlated with tumor malignancy drives tumor development. However, the relationship between ECM remodeling and rat experimental model of 1,2-dimethylhydrazine (DMH) -induced colorectal cancer imposed by cold and capsaicin exposure remains unclear.

Match Overview

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Thus, we investigated the effects of capsaicin and cold exposure in 1,2-dimethylhydrazine (DMH)-induced colorectal cancer as well as the mechanisms underlying capsaicin and cold-induced CRC. Rats

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1,2-dimethylhydrazine-induced carcinogenesis in rats.18 The objective of the present study was to compare the antioxidant potential and pro-apoptotic effects of Aquamin supplemented with Enzogenol (8% w/w) and Sunphenon 90LB (2% w/w) (A:E:S) with that of Aquamin, Enzogenol, or Sunphenon alone and also with catechin and ECG which

[Piper sarmentosum as an antioxidant on oxidative stress in ...](#)

<https://link.springer.com/article/10.1631/jzus.B0900397> ▾

May 06, 2010 · Endothelial cell death due to increased reactive oxygen species (ROS) may contribute to the initial endothelial injury, which promotes atherosclerotic lesion formation. Piper sarmentosum (PS), a natural product, has been shown to have an antioxidant property, which is hypothesized to inhibit production of ROS and prevent cell injury. Thus, the present study was designed to determine the ...

Cited by: 67

Author: Abdul Hamid Hafizah, Abdul Hamid Hafiz...

Publish Year: 2010

[Capsaicin-Mediated tNOX \(ENOX2\) Up-regulation Enhances ...](#)

<https://www.researchgate.net/publication/221850011...>

Conversely, a study published in 2020 deemed capsaicin as a safe food product in high doses as it failed to impact carcinogenesis progression in a preneoplastic colon cancer model in rats [118]. ...

[JZUS - Journal of Zhejiang University SCIENCE](#)

www.jzus.zju.edu.cn/article.php?doi=10.1631/jzus.B0900397&comnowpage=0 ▾

Full Text: <1772> CLC number: R93 On-line Access: 2010-04-28 Received: 2009-12-09 Revision

Accepted: 2010-02-25 Crosschecked: 2010-04-01 Cited: 13 Clicked: 4881 Citations: Bibtex RefMan

EndNote GB/T7714