

Cytotoxic Effect And Chemical Composition Of Inula Viscosa

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Cytotoxic Effect And Chemical Composition

The chemical composition, anti-inflammatory, cytotoxic and antioxidant activities of essential oil from leaves of *Mentha piperita* (MEO) grown in China were investigated. Using GC-MS analysis, the chemical composition of MEO was characterized, showing that it was mainly composed of menthol, menthone and menthyl acetate.

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Chemical Composition and Anti-Inflammatory, Cytotoxic and ...

The essential oils obtained were predominantly composed of β -spathulenol (15.61%), Ar-curcumene (14.15%), trans-caryophyllene oxide (14.14%), and neral (10.02%). The results of the assays showed that the cytotoxic effect of the essential oil of *A. citriodorawas* high on P815 and moderate on MCF7 and on VERO cell lines.

Chemical Composition and Cytotoxic and Antibacterial ...

Chemical composition, anti-biofilm activity and potential cytotoxic effect on cancer cells of *Rosmarinus officinalis* L. essential oil from Tunisia *Lipids Health Dis.* 2017 Oct 2;16(1):190. doi: 10.1186/s12944-017-0580-9. Authors Marwa Jardak 1 ...

Chemical composition, anti-biofilm activity and potential ...

Its cytotoxic effect was evaluated by MTT assay. Essential oil with main components of α -pinene, trans-caryophyllene and 1,8-cineole inhibited *P. intermedia* with MIC and MBC values of 0.1 and 0.2 mg/mL.

Chemical composition, cytotoxic effect and antimicrobial ...

The subject of this article was to evaluate the chemical composition, antimicrobial and cytotoxic effect of *Stachys koelzii* essential oil and its main components against *Prevotella intermedia*. GC-FID and GC-MS analysis were used to determine the chemical composition.

Chemical composition, cytotoxic effect and antimicrobial ...

Prevotella intermedia is associated with periodontal diseases and endodontic infections. Periodontitis can be suppressed by utilizing the antiseptics,...

Chemical composition, cytotoxic effect and antimicrobial ...

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Cytotoxic Drugs Most of the time the term "cytotoxic" refers to the effect that a chemotherapy drug has on cancer cells. In this sense, a cytotoxic agent may be differentiated from one that is cytostatic. A cytostatic medication would, in contrast, inhibit cell division and growth but would not result in cell death directly. 3

Cytotoxic: Definition, Agents, Effects, and Precautions

Cytotoxic Effect And Chemical Composition The subject of this article was to evaluate the chemical composition, antimicrobial and cytotoxic effect of *Stachys koelzii* essential oil and its main components against *Prevotella intermedia*. GC-FID and GC-MS analysis were used to determine the chemical composition. Chemical composition, cytotoxic effect and antimicrobial ... Its cytotoxic effect was evaluated by MTT assay.

Cytotoxic Effect And Chemical Composition Of Inula Viscosa

Present study aimed to evaluate the chemical composition, antibacterial, antifungal, and cytotoxic activity of *Laurus nobilis* grown in Tabuk region of Saudi Arabia. Dried leaves of *L. nobilis* were extracted with various solvent with increasing polarities. Solvent extracts exhibited variable inhibition zones against bacterial pathogens, however all the solvent extracts showed significant ...

Evaluation of Chemical Composition, Antibacterial ...

The investigation was designed to determine the chemical composition, antioxidant and cytotoxic effects of the leaf essential oil of *Eucalyptus globulus* Labill grown in Nigeria. Fresh leaves of *E. globulus* on steam distillation yielded 0.96 % (v/w) of essential oil. Investigation of the oil on

Chemical composition, antioxidant and cytotoxic effects of ...

The variability of cytotoxicity effect of this oil against Hela and MCF-7 cells could be associated to the polyvalent oil composition, the different types of interaction between compounds and cells and

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the difference of cancer cells sensitivities to cytotoxic compounds .

Chemical composition, anti-biofilm activity and potential ...

ABSTRACT. This paper reports on the chemical composition, the in vitro antischistosomal effects, and the cytotoxicity of the essential oil from the leaves of *Lavandula angustifolia* Mill., Lamiaceae, grown in the Southeastern Brazil. Borneol (22.4%), epi- α -muurolol (13.4%), α -bisabolol (13.1%), precocene I (13.0%), and eucalyptol (7.9%) were the major essential oil constituents.

Chemical composition, antischistosomal and cytotoxic ...

Moreover, their cytotoxic effect was evaluated—as well as their tyrosinase, acetyl- and butyryl-cholinesterase (AChE and BuChE) inhibitory activities. The chemical analyses detected 44, 45, 51, 53, 26 and 40 compounds in EOs of *A. campestris*, *A. herba-alba*, *J. phoenicea*, *J. oxycedrus*, *M. pulegium* and *L. officinalis*, respectively.

Molecules | Free Full-Text | Chemical Composition ...

Methods. The phytochemical composition of acetone, aqueous and ethanol extract of cladodes of *Opuntia stricta* (Haw), as well as the vitamins A, C and E of its dried weight cladodes and the antioxidant activities, were evaluated using standard in vitro methods. The anti-inflammatory and cytotoxic activities were evaluated using cell-based assays.

Chemical composition, antioxidant, anti-inflammatory, and ...

Osteosarcoma (OSA) is a type of bone cancer showing an aggressive biological behavior with metastatic progression. Because propolis potential for the development of new antitumoral drugs has been indicated, we evaluated the chemical composition of Colombian propolis samples and the mechanisms involved in their cytotoxic effects on OSA cells.

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The chemical composition and events related to the ...

Chemical composition, antioxidant, antitumor, anticancer and cytotoxic effects of Psidium guajava leaf extracts Aisha Ashrafa, Raja Adil Sarfraz, b, Muhammad Abid Rashida, Adeel Mahmoodc, Muhammad Shahida and Nadia Noora aDepartment of Chemistry, University of Agriculture, Faisalabad, Pakistan; bCentral Hi-Tech Laboratory, University of ...

Chemical composition, antioxidant, antitumor, anticancer ...

(Redirected from Sulfur mustard) Mustard gas, though technically not a gas and often called sulfur mustard by scholarly sources, is the prototypical substance of the sulfur-based family of cytotoxic and vesicant chemical warfare agents, which can form large blisters on exposed skin and in the lungs.

Mustard gas - Wikipedia

Chemical Composition and Anti-Inflammatory Effect of Ethanolic Extract of Brazilian Green Propolis on Activated J774A.1 Macrophages. Evidence-Based Complementary and Alternative Medicine 2013, 2013, 1-13. DOI: 10.1155/2013/976415. V. Tamara Perchyonok, Sias Grobler, Shengmiao Zhang, Annette Olivier, Theunis Oberholzer.