

### **multidrug resistance in cancer pdf**

Multidrug resistance in cancer. Riordan and Ling went on to show that the multidrug resistant cells had lower concentrations of the drug - a drug accumulation deficit - and that a membrane glycoprotein of 170 kDa was responsible.<sup>2</sup> At first the deficit was thought to be due to a fault in permeation and the glycoprotein was named P glycoprotein...

### **(PDF) Multidrug resistance in cancer - ResearchGate**

Mechanisms of Multidrug Resistance in Cancer 1 Introduction. 2 Mechanisms Involved in the Resistance of Cells to Chemotherapy. 3 The ATP-Binding Cassette (ABC) Transporters. 4 Translational Research: From the Lab to the Clinic. 5 Conclusion.

### **Mechanisms of Multidrug Resistance in Cancer | SpringerLink**

Download PDF Download. Share. Export. Advanced European Journal of Pharmaceutical Sciences ... A.M.V Duncan, R.G Deeley Overexpression of a transporter gene in a multidrug-resistant human lung cancer cell line. Science, 258 (1992), pp. 1650-1654. Google Scholar. Cole et al., 1989.

### **Multidrug resistance (MDR) in cancer: Mechanisms, reversal**

Multidrug resistance describes a complex phenotype whose predominant feature is resistance to a wide range of structurally unrelated cytotoxic compounds, many of which are anticancer agents.

### **(PDF) Multidrug Resistance in Cancer - ResearchGate**

Multidrug resistance (MDR) in tumor cells is a significant obstacle to the success of chemotherapy in many cancers. Multidrug resistance is a phenomenon whereby tumor cells in vitro that have been exposed to one cytotoxic agent develop cross-resistance to a range of structurally and functionally unrelated compounds.

### **Overcoming Multidrug Resistance in Cancer: An Update on**

Multidrug-resistance (MDR) is the chief limitation to the success of chemotherapy. According to the National Cancer Institute, multidrug-resistance is a phenomenon where cancer cells adopt to anti-tumor drugs in such a way that makes the drugs less effective.

### **Multidrug-Resistance in Cancer: ABC-Transporters**

Kuwazuru Y, Yoshimura A, Hanada S, Utsunomiya A, Makino T, Ishibashi K, Kodama M, Iwahashi M, Arima T, Akiyama S. Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance.

### **Multidrug resistance in cancer. - PubMed Central (PMC)**

The development of resistance to anticancer agents during treatment is a major obstacle in the chemotherapy of cancer. Cells expressing high levels of the P-glycoprotein exhibit a multidrug resistance phenotype.

### **Multidrug resistance in cancer (review)**

Multi-Drug Resistance in Cancer Edited by Jun Zhou Department of Genetics and Cell Biology, College of Life Sciences, Nankai University, Tianjin, China Editor Jun Zhou Department of Genetics and Cell Biology College of Life Sciences Nankai University Tianjin China

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ulate multidrug resistance in cancer cells in order to validate their uses as anticancer drugs, introduce new therapeutic options for resistant cancer, and facilitate the development of their anti-cancer strategies and/or combination therapies.

### **Natural Products Modulate the Multifactorial Multidrug**

resistant to the cytotoxic effects of drugs on cancer cells. Expression of a major vault protein, termed lung resistance-related protein (LRP), which may regulate nuclear entry of drugs, has also been described in multidrug resistance (11a).

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