

论文

奥替普拉在阻断细胞恶性转化时对某些基因表达的影响

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摘要:

关键词: 奥替普拉; 谷胱甘肽-S-转移酶-n; ras基因

EFFECT OF SOME GENES EXPRESSION IN INHIBITION OF CELLUAR MALIGNANT TRANSFORMATION BY OLTIPRAZ

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Abstract:

AIM: To investigate the effect of some gene expression in inhibition of cellular malignant transformation by oltipraz. METHODS: Human fetal lung (HFL) treated with cigarette smoking condensate (CSC) and / or oltipraz was extracted for DNA and transfected into Rat-1 cell. C-Ha-ras gene mutation of Rat-1 and transformed Rat-1 cell were analyzed by PCR-RFLP. GST activity and GST-n were examined by colorimetric determination and ELISA. RESULTS: Oltipraz can decrease GST activity and GST-n protein content along with its inhibition of HFL carcinogenesis, but no obvious effect on mP53 gene expression. CONCLUSION: The effects of GST-n and C-Ha-ras gene may be involved in inhibition of cellular malignant transformation by oltipraz.

Keywords: GST-n ras gene oltipraz

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