Mechanism of inhibition of gap junctional communication by the nongenotoxic carcinogen nafenopin

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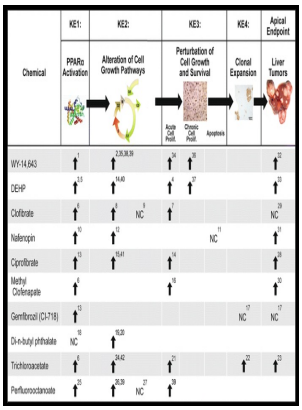

Description: -
-Mechanism of inhibition of gap junctional communication by the nongenotoxic carcinogen nafenopin
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Notes: Thesis (Ph.D) - University of Birmingham, School of Biochemistry, Faculty of Science, 1998.
This edition was published in 1997

Tags: #Hormesis #and #dose

Metabolites of benzene are potent inhibitors of gap

Furthermore, many effects that have been attributed to IR-induced damage to nuclear DNA or that occur following irradiation of the cytoplasmic compartment of cells can also occur in cells that have received no direct exposure to IR. Journal Of Leukocyte Biology 2003, 73: 118—126. After WB-F344 cells were exposed to TPTC, phosphorylation of Cx43 increased as seen in Western blot analysis.

Metabolites of benzene are potent inhibitors of gap

The mechanisms controlling non gap junction-mediated intercellular communication are, however, yet to be fully elucidated.

1. Mechanisms of the Prooxidative Activity of Mercury

The TPTC group comprises cells treated with 1. Recently, the risk of stomach cancer was reported to increase linearly with the smoking dose, but not with the drinking dose.

Mechanisms of non

Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals. Carcinogenic hazards from eating fish and shellfish contaminated with disparate and complex chemicals mixtures. Accrued genetic mutations are required for transformation of healthy epithelial cells into a carcinoma exhibiting abnormal growth, survival, and invasion properties.

Mechanisms of non

It is difficult to state at the present time the precise role of ROS-induced DNA damage in carcinogenesis and how genetic and epigenetic events induced by ROS interact with cell transformation and malignant progression.

Metabolites of benzene are potent inhibitors of gap

However, with doses in the range of 1—7. In the MeIQx case, the carcinogen was administered to male F344 rats through the diet at various doses of 0.

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