

**Name of Journal:** *World Journal of Hepatology*

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**Manuscript Type:** ORIGINAL ARTICLE

### *Basic Study*

**Promotive action of 2-acetylaminofluorene on hepatic precancerous lesions initiated by diethylnitrosamine in rats: Molecular study**

**2-Acetylaminofluorene promoted hepatic precancerous lesions**

### **Abstract**

#### BACKGROUND

Diethylnitrosamine (DEN) induces hepatic neoplastic lesions over a prolonged period.

#### AIM

Aim: This study investigated the promotive action of 2-acetylaminofluorene (2-AAF) when combined with DEN in order to develop a rat model for induction of

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May 08, 2006 · **Experimental** hepatocarcinogenesis can be induced by various chemical carcinogens, like **diethylnitrosamine** (DEN), **2-acetylaminofluorene** (2-AAF), aflatoxin B1, etc. Numerous studies have focussed on a series of microscopic **lesions** called "foci" and "nodules" which have been designated "preneoplastic" or "pre-malignant" (Pitot, 1990 ...

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May 06, 1980 · In this **study 2-acetylaminofluorene** was fed at a level of 0.02% for 18 days to male weanling albino Sprague-Dawley **rats**. Following the feeding of **2-acetylaminofluorene**, one group of animals was maintained on the control diet while several other groups were placed on diets containing 0.05% phenobarbital.

**Cited by:** 727

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