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Subject: hinweis zu rauchen und HA

Posted by [kkoo](#) on Sun, 25 Mar 2007 11:35:44 GMT

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menschen sind keine mäuse, und welche mengen rauch da verwendet wurden ist auch nicht deutlich, dennoch:

"Chemoprevention of smoke-induced alopecia in mice by oral administration of l-cystine and vitamin B6.

D'Agostini F, Fiallo P, Pennisi TM, De Flora S.

Section of Hygiene and Preventive Medicine, Department of Health Sciences, University of Genoa, Via A. Pastore 1, I-16132 Genoa, Italy.

BACKGROUND: We previously demonstrated that high doses of environmental cigarette smoke (ECS) induce alopecia in mice. This effect was prevented by the oral administration of N-acetylcysteine (NAC), an analogue and precursor of l-cysteine and reduced glutathione. OBJECTIVES: The present study aimed at assessing whether l-cystine, the oxidized form of l-cysteine, which is a key hair component, may behave like NAC in inhibiting ECS-induced alopecia and modulating the mechanisms responsible for this condition. METHODS: C57BL/6 mice were exposed whole-body to ECS in a smoking machine. Groups of mice received in the diet, at three dose levels, a mixture of l-cystine with vitamin B6, which plays a role in l-cystine incorporation in hair cells. Occurrence of alopecia areas and apoptosis of hair bulb cells were evaluated for up to 6 months of exposure, and the time course induction of micronucleated erythrocytes in peripheral blood was investigated. RESULTS: The frequency of micronucleated erythrocytes was increased by ECS, irrespective of treatment with l-cystine/vitamin B6. ECS-induced alopecia and apoptosis of hair bulb cells in all exposed mice. l-Cystine/vitamin B6 inhibited alopecia in a dose-dependent fashion. CONCLUSIONS: High-dose ECS induces apoptosis-related alopecia in mice, and oral administration of l-cystine/vitamin B6 is an effective preventive treatment."

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Subject: Re: hinweis zu rauchen und HA

Posted by [Pansen](#) on Sun, 25 Mar 2007 23:01:20 GMT

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<http://www.bmj.com/cgi/content/full/313/7072/1616>

ich finde die grafik sagt aus, dass rauchen den ha beschleunigt.

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