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Effects of Epimedii herba on Lipidperoxidative Activities in CCl₄-treated Rats

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Epimedii herba (EH) is an important traditional herbal medicine widely used as a tonic, aphrodisiac and antirheumatic in China, Japan and Korea. EH (100 mg/kg) was intraperitoneally administered into rats for 2 weeks. On the 14th day, carbon tetrachloride (CCl₄) dissolved in olive oil (50% CCl₄) was intraperitoneally injected with 3.3 ml per kg of body weight. On the 15th day, rats were anesthetized with ether and dissected. The levels of total cholesterol, HDL-cholesterol, LDL-cholesterol, total lipid and triglyceride in serum were measured. Malondialdehyde (MDA) and the histopathology were also investigated in liver tissue. EH decreased them in EH-preadministered group. The results suggested that EH had the anti-lipidperoxidative effects in the CCl₄-treated hepatotoxic rats.

Key Word : *Epimedii herba*, lipidperoxide, hepatotoxicity, histopathology, CCl₄

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